annual report 1974



Canadian Industries Limited











Consolidated Financial Highlights	1974	1973
Sales	\$517,586,000	\$383,289,000
Income before taxes	66,205,000	32,875,000
Net income before extraordinary items .	34,842,000	15,952,000
Extraordinary items — Net gain	20,000	53,000
Working capital at December 31	116,588,000	107,259,000
Capital expenditures (including expenditures		
for acquiring new subsidiaries		
and associated companies)	57,593,000	26,134,000
Common shares outstanding at December 31	9,794,161	9,794,161
Earnings per common share before extraordinary items	\$3.54	\$1.61
Dividends per common share	\$1.15	\$0.85
Number of shareholders at December 31		
Common	5411	5964
Preferred	560	567

Sales by Business Area

Industrial	Agricultural & Industrial Chemicals		dustrial Related			Paints & Pigments		Other Products & Services		
1974	1973	1974	1973	1974	1973	1974	1973			
264.9	185.5	151.6	121.2	56.7	46.9	44.4	29.7			
51	48	29	32	11	12	9	8			

Sales (millions of dollars) % of Total Sales

Board of Directors

Alistair M. Campbell Chairman, Sun Life Assurance Company of Canada, Montreal, Quebec

D. M. Coyle Vice-President, Canadian Industries Limited, Montreal, Quebec

Roger DeSerres President, Omer DeSerres Ltée, Montreal, Quebec

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Imperial Chemical Industries Limited,
London, England,
Chairman of the Board,
ICI Americas Inc.,
Wilmington, Delaware, U.S.A.

E. J. Goett President and Chief Executive Officer, ICI Americas Inc., Wilmington, Delaware, U.S.A.

A. G. S. Griffin Chairman of the Board, Home Oil Company Limited, Calgary, Alberta Residence: Toronto, Ontario

E. L. Hamilton
President,
Canadian Industries Limited,
Montreal, Quebec

C. H. Hantho Vice-President, Canadian Industries Limited, Montreal, Quebec

P. G. Harvey Chairman, Mond Division, Imperial Chemical Industries Limited, London, England

W. J. Mandry Vice-President, ICI Americas Inc., Wilmington, Delaware, U.S.A.

Hon. H. deM. Molson, O.B.E. Honorary Chairman, The Molson Companies Limited, Montreal, Quebec

Hon. James Sinclair, P.C. Chairman, Lafarge Canada Ltd., Vancouver, British Columbia

Audit Committee

Alistair M. Campbell — Chairman

A. G. S. Griffin

E. L. Hamilton

Officers

CIL House, Montreal, Que.



President E. L. Hamilton

Vice-Presidents
D. I. W. Braide
P. A. G. Cameron
H. G. Campbell
D. M. Coyle
C. Hampson
C. H. Hantho
D. S. Kirkbride

Secretary

L. A. Wheable

Treasurer
L. A. Wheable

Controller L. H. Chant

Assistant Secretary A. F. M. Biggs

Assistant Treasurer C. McLaughlin

Registrar, Transfer Agent and Dividend Disbursing Agent

National Trust Company Limited, Montreal, Toronto, Calgary, Vancouver

Stock Exchange ListingsMontreal, Toronto, Vancouver

Registrar and Transfer Agent for Debentures

The Royal Trust Company Montreal, Toronto, Winnipeg, Vancouver

Auditors
Touche Ross & Co.

Canadian Industries Limited

CIL House 630 Dorchester Boulevard West Montreal, Quebec H3C 2R3

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Legal deposit — second quarter 1975 Quebec National Library

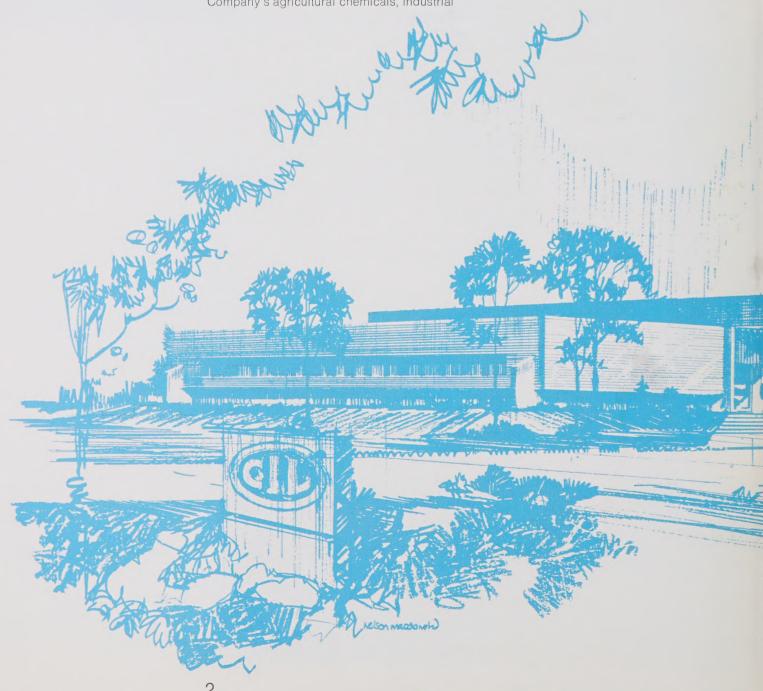
Letter to the Shareholders

Consolidated sales and net income in 1974 were substantially higher than CIL has achieved in any previous year. Sales were \$517.6 million, 35% above the level of 1973, and net income was \$34.8 million, equivalent to \$3.54 a common share compared with \$16.0 million or \$1.61 a common share in 1973. Dividends in respect of 1974 totalled \$1.15 a common share, comprising a regular quarterly payment of 25 cents and an extra of 15 cents. Dividends declared in the previous year amounted to 85 cents a share.

These results reflect the strong demand for the Company's products and services that prevailed throughout 1974. The most significant gains in sales and earnings were shown in the Company's agricultural chemicals, industrial

chemicals and plastics business areas, which benefited from improved selling prices and capacity operations. The rapid increase in costs without fully compensating selling price adjustments resulted in declining profit margins, as a percentage of sales, in paints, commercial explosives and ammunition products.

The dominant feature of the year was certainly the very high rate of inflation, along with the energy problem and the consequent dramatic escalation of the costs of many raw materials. Although there is no consensus yet as to the best method of measuring the influence of inflation on corporate results, it is important that the effect of these extraordinary conditions be fully recognized. If the Company's accounts

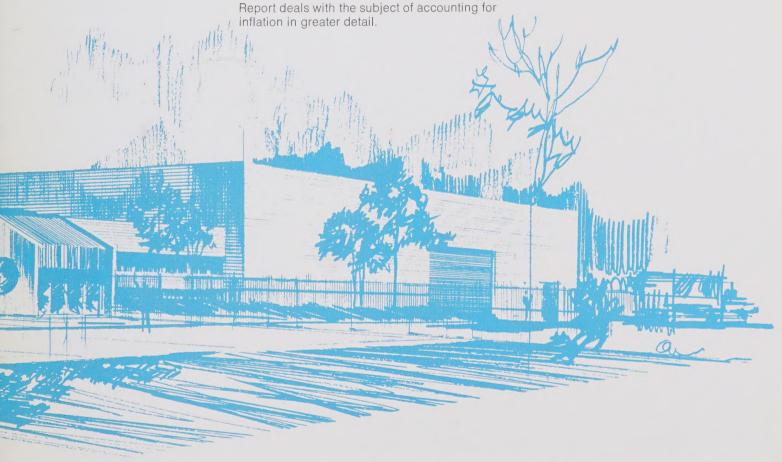


were to be restated to include the effect of the change in the purchasing power of the dollar in 1974, earnings per share would be reduced from \$3.54 to \$2.10; the common shareholders' equity would increase from \$173.7 million to \$207.8 million; and the return on this equity would decline from 20% to 10%.

A concomitant effect of the inflationary conditions was the massive increase in the cash resources needed to support the higher level of customers' accounts and inventories resulting from the greater volume of sales and much inflated prices for raw materials. In total these requirements exceeded the cash generated from profits for the year. Taxes must be paid on income calculated on the conventional historical basis which further depletes the cash resources available to maintain the existing level of the Company's business. At the same time, the impact of high rates of inflation on the capital markets restricts the availability of funds for long-term investment and thus makes financing of industrial expansion much more costly and hazardous. The "Financial Review" section of the Annual

Successful efforts to improve production efficiencies and be more effective in all areas of Company activity were a major factor both in coping with cost pressures and in contributing to the favourable results for the year. However, the scale of cost escalation made selling price increases essential. On average the prices that the Company paid for its raw materials rose 36% in 1974. As specific examples, the price of phosphate rock, a major raw material in the manufacture of the Company's fertilizer products, advanced 600% from late 1973 to the start of 1975, while the price of fuel oil has increased by about 160% in the same period. During 1974, the extreme inflationary pressures created a need for the Company to grant higher than normal wage and salary rate increases which resulted in a significant advance in employment costs.

Capital expenditures of \$57.6 million in 1974, including \$9.0 million by Canadian Freehold Properties Ltd., were more than double those of 1973. These expenditures were well in excess



The architect's sketch depicts the administration building of CIL's plant under construction near Calgary, Alta. This plant will help supply the growing market for explosivesgrade ammonium nitrate to serve the mining industry in western Canada and the northwestern United States.

of original estimates owing to rising material and labour costs. Start-up of the chloralkali plant at Becancour, Quebec, will be delayed six months until mid-1975 as the result of labour difficulties during construction which have also added significantly to the cost. The problems of the Quebec construction industry are serious and need resolution. Without this resolution the future economic growth of the province could be jeopardized.

The favourable trend in CIL's safety performance over the past few years was maintained through 1974 and lost-time injuries were reduced to fifteen, the smallest number yet attained in any calendar year. This achievement, which was realized in spite of the pressures of peak production at many of the Company's manufacturing locations, required the concentrated efforts of all employees. Safety has always been of prime concern to CIL and total elimination of industrial accidents continues to be an objective of high priority. We are concerned that the frequency of accidents experienced away from the work place increased during 1974, and the combined efforts of the Company and its employees will be needed to correct this situation.

Canada's relatively favourable position in hydrocarbon feedstocks and electrical energy appears to offer opportunities for new investment on a world competitive scale by the Canadian chemical industry. In 1974, the climate for investment decision-making in this area was particularly unstable. Some of the uncertainties arose from international circumstances over which Canada has little or no control. Others, however, were caused primarily by domestic political and economic factors. The need for a more stable planning environment cannot be overemphasized if the large sums of capital needed to take advantage of these opportunities are to be forthcoming.

CIL is continuing to give careful consideration to the application of its resources to take advantage of a number of major investment opportunities. The most recent action is the decision made late in 1974 to build a large plant near Calgary, Alberta, to produce explosivesgrade ammonium nitrate for the rapidly growing markets in western Canada and northwestern United States. The Company also is actively involved in examining the feasibility of a world-scale polyethylene plant as a member of a group of companies developing plans for a large petrochemical complex in Alberta.

Although many of the markets the Company serves are displaying continuing strength, there is little doubt that 1975 will be a year of challenge as important segments of the economy are likely to experience serious problems. Nevertheless, CIL faces the year with confidence. All employees played a leading role in contributing to the success of the past year and their efforts are both appreciated and depended upon in meeting the challenges of 1975.

On behalf of the Board of Directors,

E. L. Hamilton
President

Montreal, Quebec, March 20, 1975



Kamloops • • • Kelowna • Kelsey Bay • Ladner o Ladysmith o Ladysmith
Nanaimo
Nelson
Nelson
New Westminster
Penticton
Port Hardy
Port McNeil
Prince George Stewart 💍 Surrey 👩 Tappen 🧑 Terrace Texada Island Vancouver Vanderhoof Victoria 🧧

Alberta

Calgary • • • Clover Bay • Edmonton • • • • • Fort Saskatchewan Lethbridge 👩 Red Deer 0

Saskatchewan Moose Jaw Prince Albert

Ontario

Alliston Beamsville Belleville Belmont Brampton Bridgeport Bruce Lake Brussels Burlington Carlisle Chatham Clinton (Collingwood o Concord Copper Cliff Cornwall Courtright Essex e Etobicoke Glencoe Hamilton
Hensall
Ingersoll
Kemptville
Kingsville Kingston Kirkland Lake

Kitchener o

Norwich Oakville Orillia 🧑

Ottawa • • • Petrolia • Port Stanley • Sarnia o Scotland Shelburne 👵 Simcoe Smithville Stayner St. Catharines Streetsville Sudbury Sudbury
Tara
Temagami
Thamesville
Thunder Bay
Tillsonburg
Timmins
Toronto
Tupperville
Wilsonville
Windsor

Quebec

Becancour • Bedford Beloeil Brownsburg Montreal Murdochville Mt. Wright Nicolet St. Eustache St. Hilaire St. Hyacinthe St. Pie St. Rémi de Napierville St. Thomas de Joliette Ste. Foy Sept-Iles Shawinigan Thetford On Thetford Mines On Trois-Rivières

New Brunswick

Tracy Val d'Or Valleyfield Victoriaville Ville Mercier

Bathurst o Dalhousie Fredericton
Grand Falls Hartland Moncton Woodstock

Montague
O'Leary
Summerside
Traveller's Rest
Winsloe

Newfoundland and Labrador

Baie Verte
Carol Lake
Grand Falls
Labrador City
St. John's
Wabush

Yukon

Faro •

Africa Liberia o

Ireland

Navan 💍 Jamaica Kingston o

United States

Detroit, Mich. Tucson, Arizona Watertown, N.Y.

Agricultural and Industrial Chemicals

Agricultural Chemicals

The strength of the farm economy supported a continuation of the growth in demand for fertilizer products that had started in 1973 and sales were significantly higher than those of the previous year. To meet customer requirements, a high level of operating efficiency had to be achieved at each of the Company's fertilizer facilities and production of ammonia at the major plant at Sarnia was in excess of rated capacity. The impact of sharply advanced raw material costs, in particular for natural gas, phosphate rock and potash, resulted in higher selling prices, although Canadian prices in general were at lower levels than those in the United States.

A moderate expansion in capacity at the Sarnia plant is underway to meet the enlarged market requirements now foreseen.

The market for Chipman Chemicals Limited's herbicide and pesticide products was also strong. Sales were well above 1973 owing to improvement in volume and increased selling prices, the latter reflecting higher costs of raw materials and products purchased for resale. Warehousing space was extended and office facilities were added at Chipman's manufacturing plant near Hamilton.

Industrial Chemicals

Sales of industrial chemicals were substantially above those of 1973, reflecting strong demand from the pulp and paper, fertilizer and mining industries combined with generally favourable conditions in other industrial markets. As the Company's industrial chemicals plants have been operating at or near capacity for the past few years, most of the increase in sales volume resulted from resale business. While process materials were readily available, costs escalated rapidly and selling prices were increased on a wide range of products.

The Company's large chloralkali plant at Becancour, Quebec, which has been beset by construction labor problems, is now scheduled to commence production in mid-1975, six months behind schedule. It will improve the Company's strong position in the growing market in eastern Canada for caustic soda and chlorine. During the year, facilities from several locations were consolidated at the Cornwall plant site for the packaging of gaseous and liquid chemicals. Additional capacity for sulphuric acid was brought into production at Copper Cliff late in the year.

Sales of Chemetics International Ltd. were more than twice those attained in 1973. Acceptance of the company's equipment and processes in a number of countries was demonstrated by the substantial increase in sales of sulphuric acid heat exchangers and processes for the pulp and paper industry. Work has progressed

well on a major contract for five chemical plants in Yugoslavia, and new contracts were obtained for chemical plants in Turkey and Brazil.

Canadian Hanson Limited and Alchem Limited both had appreciable sales increases, which in the case of Canadian Hanson included substantial exports. During the year, Canadian Hanson acquired an interest in Volstatic of Canada Limited, designers and installers of electrostatic powder-coating systems, providing a logical extension to the product lines with which Canadian Hanson serves the metalfinishing market. Alchem Limited extended its production and storage facilities at Burlington, Ontario. Sales of Inland Chemicals Ltd., a sulphuric acid producer in western Canada acquired late in 1973, exceeded expectations during 1974.

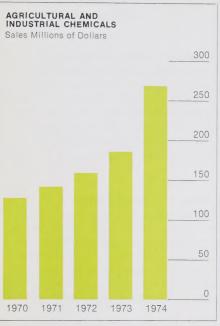


Sales of Cornwall Chemicals Limited, an associated company managed by CIL, were well above 1973 levels as volume increased for all its product lines in both domestic and export markets.

Environmental Improvement

During 1974, CIL's interests in this relatively new area showed encouraging progress. Tricil Waste Management Limited, a company jointly owned with Trimac Limited, provides solid and liquid waste collection and disposal for industry and municipalities at several locations in Canada. Tricil is well organized to become more deeply involved in the recovery and recycling of usable materials and energy from wastes and has already taken its first steps into this potentially important new field.

CIL, through its interest in Eco-Research Ltd. and Bio-Research Laboratories Ltd., is involved in testing the effects of pollutants on the environment and in measuring the effects of different materials on various life forms.



Just as the farmer is supplied with a wide range of fertilizers, related products and technical services, so the home gardener benefits from a complete line of lawn and garden products and advisory services from CIL's agricultural chemicals division.

2

Start-up of CIL's new \$40 million chloralkali plant at Becancour, Quebec, is scheduled for mid-1975. This plant will supply the growing market for caustic soda and chlorine in eastern Canada.

3

On the site of its new plant at Saltfleet, Ontario, Chipman Chemicals Limited, a wholly-owned subsidiary of CIL, opened a new administration building and extended warehousing facilities.

4

A CIL stainless steel sulphuric acid cooler weighing 15 tons is shown being loaded onto a chartered aircraft at Toronto, Ontario, headed for Abadan, Iran. This was a rush shipment, made in response to an urgent request from the Shahpur Chemical Company whose acid plant was threatened with shutdown due to repeated failures of their existing cast iron cooling sections. Chemetics International Ltd., a CIL subsidiary, markets the coolers world-wide.







Explosives and Related Businesses

Explosives

Continuing strength was demonstrated by all segments of the Canadian explosives market, contributing to a level of sales substantially above that of 1973. Exports of commercial explosives and accessories were also higher.

CIL's newly developed small-diameter slurry explosives were introduced successfully during the year, and production facilities are being expanded to meet market requirements. The Company has started construction of a large plant near Calgary, Alberta, scheduled for start-up in 1977, to produce explosives-grade ammonium nitrate, particularly for use in coal and metal mining in western Canada and the northwestern United States.

In 1974, the Company signed a licensing agreement with Nitro Nobel A.B., of Sweden, to manufacture in Canada and sell nationally and internationally the "Nonel" non-electric delay system for initiating blasts. The system, which is undergoing extensive field testing, can be used with any type of explosive. In Canada and abroad, mines are converting from pneumatic to electrical power as a basis of operation to improve efficiency, safety and working conditions. As the "Nonel" system is immune to electrical hazards, it is an ideal product for use under such conditions and a widespread adoption of the product is expected.

During the year, selling price increases for all product lines had to be introduced to meet the effect of constantly rising raw material costs. The difficulties of operating in a highly inflationary period with shortages of some major raw materials were further compounded by a six-week strike at the Company's major explosives plant at Beloeil, Quebec.

Sales of West African Explosives and Chemicals Limited, a subsidiary producing commercial explosives in Liberia, were well in excess of those in 1973. Continental Explosives Limited and Explosives Sales (1970) Ltd., CIL's distributors of explosives and related products in British Columbia and Quebec respectively, also had higher sales than in 1973.

Mining Services

Sales of underground mining equipment by Jarvis Clark Company Limited were appreciably higher than in 1973, reflecting increased activity in the mining areas served. This company is actively developing new and improved equipment and expanding its product range.

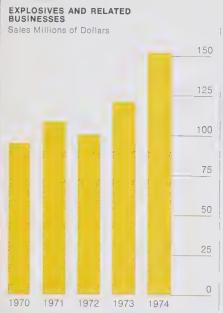
The resurgence of mining activity has not extended to mining exploration. Because the Canadian climate for exploration has been unfavourable and profitable operations have not been achieved in recent years, CIL, after careful consideration of the alternatives, withdrew from the geophysical exploration activities of the McPhar Group late in 1974.

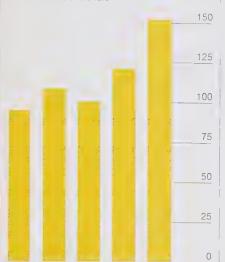
Sporting Arms and Ammunition

Sales of sporting arms and ammunition were moderately higher than in 1973, reflecting increases in selling prices and domestic volume. However, production costs, in particular the purchase price of metals, advanced at a rate which could not be matched by either selling price advances or improved operating efficiencies.



In 1974, the Company withdrew from the United States market and its ammunition production facility at Plattsburg, New York, was closed.



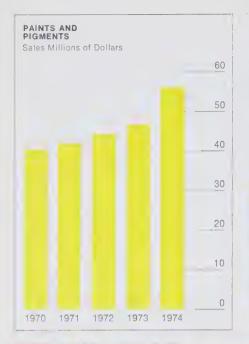


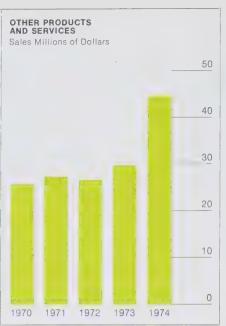
- 1 Two pigmy hippopotami were donated to the Toronto Metro Zoo in 1974 by CIL's subsidiary, West African Explosives and Chemicals Limited. These pigmy hippos which weigh about 350 pounds when fully grown are an engangered species found only in the remote areas of Liberia.
- 2 In association with leading seismic exploration companies, CIL has developed a new seismic shooting method for oil and gas prospecting in the Canadian Arctic. Known as the "vertical ice Aquallex" method, it will allow seismic crews to make more than 10 miles of survey each day, even under difficult Arctic conditions
- 3 Workmen fire 8 gauge industrial shotshells into a roaring hot kiln in a plant operated at Kilmar, Quebec, by the Canadian Refractories Division Dresser Industries Canada Ltd. The shotshells, which fire a 3 ounce lead projectile, are used regularly to break up clinkers that form in the kiln This CIL customer is a leading world supplier of firebrick for kilns and furnaces. for kilns and furnaces
- 4 CIL's efforts to improve safety in blasting operations gets a big assist from "Nonel" a non-electric delay system for initiating blasts, seen in this photo immediately following initiation. "Nonel", manufactured and sold in Canada by CIL, can be used with any type of explosive and is immune to electrical hazards.











1

Plashing along a newly installed film line in CIL's plastics plant at Brampton, Ontario, this roll of film will make Multi-ply Valve bags for shipping CIL fertilizers. The new line is the first of a series to complement existing capacity at the plant.

2

Successfully introduced to the Canadian public in 1974 by CIL's paints division, the "Vymura" Life Style Collection is a pre-pasted vinyl wallcovering, made in Britain by CIL's parent company, Imperial Chemical Industries Limited.

3

Construction is underway at the site of the office building complex depicted here, which is being developed by Canadian Freehold Properties Ltd., CIL's property investment subsidiary. When completed it will feature two office buildings with ample below grade parking facilities. This project is located in a high quality suburban area on the main access routing between Vancouver and New Westminster, B.C.





Paints and Pigments

Other Products and Services

Paints

All sectors of the market contributed to an increase over 1973 in the volume of paints sold. However, profit margins were affected adversely because selling prices could not be adjusted to compensate for rapidly rising costs, particularly those for raw materials. Shortages of essential materials, particularly those derived from oil and natural gas, restricted production levels, but by the end of the year supply and demand for these materials were essentially in balance.

CIL's subsidiary paint company in Jamaica experienced similar supply problems which limited volume but, assisted by improved prices for paints, sales and profit margins improved.

Plastics

The world-wide shortage of polyethylene resin continued through most of 1974. Imports that had traditionally supplied up to 25% of the Canadian market were no longer available. and it became necessary to place Canadian users on allocation. During the year the Company was able to supplement production from its Edmonton plant with resale material obtained in the United States, Europe and Japan and by year end had increased the allocation of product to its regular customers. Prices for resin and film continued the recovery from the depressed levels caused by years of oversupply but increases were also needed to meet rapidly rising costs. The combined effect of resale of a significant volume of imported resin and higher prices accounted for a large increase in sales of resin and film during 1974.

Detailed study of a plan for the construction of a large polyethylene plant in Alberta, as part of a proposed petrochemical complex to be based on a world-scale ethylene plant,continued throughout 1974. Alberta Gas Trunk Line Company Limited, CIL, and several other Canadian companies are cooperating in the development of the total project.

Property Development

The growth of CIL's property development subsidiary, Canadian Freehold Properties Ltd., continued at an encouraging rate during 1974. Construction of six new buildings in Toronto, Victoria and Vancouver was completed, or is in progress. Favourable financing arrangements have been established for all projects undertaken and the cash flow generated by this company is improving satisfactorily.

A construction strike, along with greatly increased building and financing costs, slowed progress in some areas of B.C., and construction of a hotel and apartment building in Victoria has been deferred. However, construction of a condominium apartment building at this site is proceeding as planned.

Two major projects, involving an industrial park to be developed in south-east Edmonton and a 19-storey office building to be erected on prime property in downtown Vancouver, have received the necessary civic approvals.

Burnside Development Co. Ltd., a Halifax property company in which Canadian Freehold Properties has a 50% interest, completed three major warehouse projects and has started construction on a 9-storey office building adjacent to the downtown core area of Halifax. This company's completed properties have satisfactory long-term financing, are fully rented and are producing a good level of cash flow.

Employees and Directors

Employees

For the second consecutive year, employees established a Company record for safety performance, an achievement in which everyone in the Company takes pride. Measured by the number of disabling injuries per million manhours worked, the 1974 accident frequency rate was 1.09. This outstanding record was achieved by setting challenging objectives, devoting the necessary management and other resources to their attainment and encouraging individual participation in accident prevention activities.

CIL is committed to the objective of total elimination of industrial accidents both in its own operations and those of its subsidiaries. Substantial progress was made in establishing CIL safety standards and practices in subsidiary companies and by year end all major subsidiaries were working towards specific safety performance objectives. Regretfully, we report that an employee of Alchem Limited was killed early in 1974 while working on a project in a customer's plant. We also regret having to report the death of an employee of CIL in an industrial accident at Dalhousie Works since the beginning of 1975. This plant had operated without a disabling injury from its start-up in 1963.

The Company is committed to setting objectives not only for the business but for each employee. Individual goals and personal development programs related to corporate objectives are established with the participation of the employee. These provide a basis for reviewing and measuring performance. During 1974, a comprehensive training program in the effective application of this goal-setting and review process was commenced for all management and professional staff. A new program of training in advanced selling skills for professional sales and marketing employees also was introduced during the year.

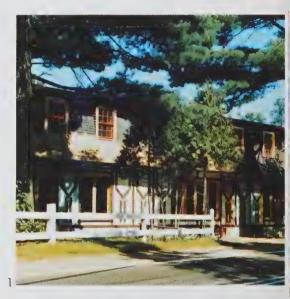
The rate of inflation during the year put unusual strains upon salary and wage administration. One-third of the thirty-three collective agreements with the Company and subsidiaries in Canada expired in 1974, and renegotiation of all but two of these agreements had been completed by the end of the year. A strike at the Beloeil explosives and agricultural chemicals works commenced on September 9 and ended on November 28 when agreement was reached. Although the remaining two-thirds of the collective agreements were not scheduled for renegotiation during 1974, the Company offered either wage adjustments over and above those previously negotiated or early implementation of scheduled contractual wage increases in each of the agreements.

The number of employees in CIL and subsidiary companies at year end was 9,176, a decrease of 2% from 1973.

Directors

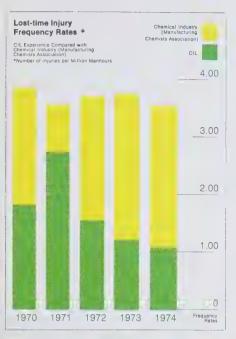
It is with deep sadness that the death. of Mr. Leonard Hynes on March 1, 1975, is reported. Mr. Hynes had a very long association with the Company which he joined in 1933 on graduation from university. He was elected President in 1962 and Chairman in 1971 and served on the Board of Directors from 1954.

Over the years Mr. Hynes made many significant contributions to CIL while at the same time becoming widely respected for service to community, chemical industry, business, national and international affairs. The counsel and leadership which he provided throughout a distinguished career devoted to the interests of both CIL and Canada will be greatly missed.



The Company will also be losing the counsel of the Hon. Hartland deM. Molson who will not be standing for re-election at the Annual General Meeting in April 1975. Senator Molson has been a director of CIL since 1954 and was elected to the Board of its predecessor Company in 1952. Over 23 years, Senator Molson's thorough understanding of the Canadian scene and his business acumen have been invaluable assets to the management of the Company and to his colleagues on the Board.

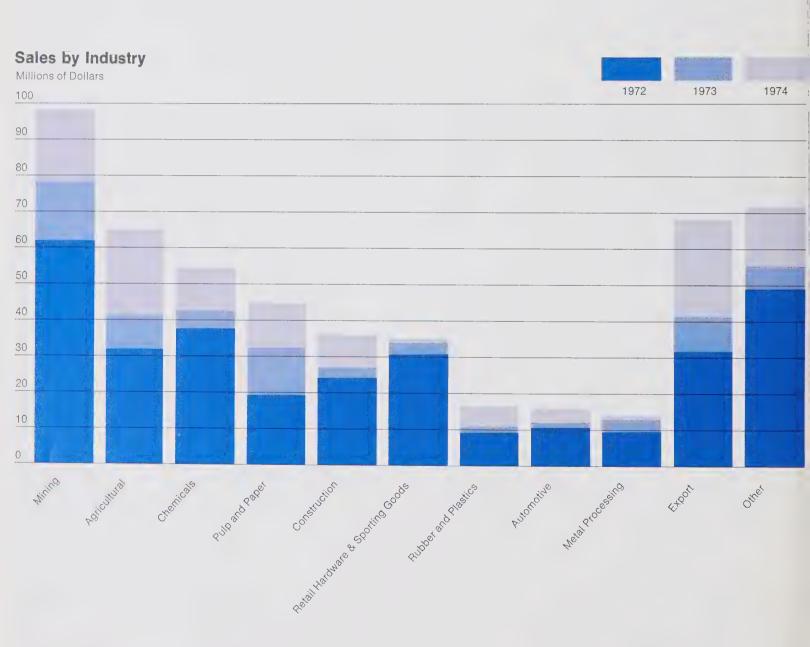
David M. Coyle, a vice-president of the Company, was appointed a director to fill the vacancy created by the death of Mr. Hynes.

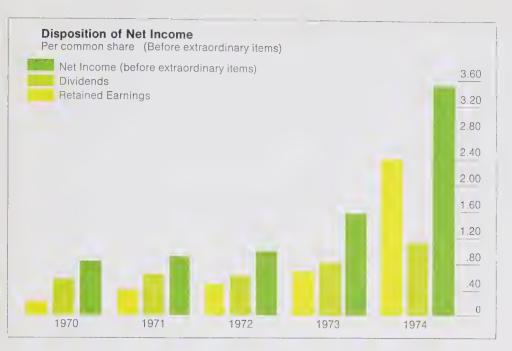


CIL opened a new Conference Centre in the Laurentians in 1974. Located at the Alpine Inn, Ste. Marguerite, Quebec, the Centre is being used for the company's on-going program of employee development and managerial training

Innovation of employees is well demonstrated in newly developed technology now ready to be marketed world-wide to sulphuric acid manufacturers. Employees of Chemetics International Ltd., a wholly-owned subsidiary of ClL, in cooperation with ClL employees, took a radically new approach to converting SO, smelter gas to SO, using a radial flow technique rather than the conventional method of passing gas through a horizontal bed-type catalyst. The result is a new converter which offers the advantages of improved operating reliability and the ability to run extended periods without shutdown. Shown is a welder working on the installation of the converter at ClL's sulphuric acid complex at Copper Cliff, Ontario, where it is now in successful operation. is now in successful operation.







Financial Review

Earnings and Dividends

Consolidated income of the Company in 1974 totalled \$34,842,000 and was equivalent to \$3.54 a common share, after provision for dividends on the preferred shares, compared with \$15,952,000 or \$1.61 a common share in 1973. Dividends in respect of the year 1974 were \$1.15 a common share, comprising a regular quarterly payment of 25 cents and in the fourth quarter an extra dividend of 15 cents a share. Dividends declared in the previous year totalled 85 cents a share.

Sales and Operations

Consolidated sales continued their upward trend in 1974, and at \$517,586,000 were \$134,297,000 or 35% above the 1973 level. Demand for the Company's products continued at a high level throughout the year, with substantial sales gains being achieved in all business areas. Agricultural and industrial chemicals and plastics, benefiting from continued capacity operations and from higher selling prices, contributed the major portion of the improvement in sales and earnings. The rapid and substantial escalation in raw material, labour and other manufacturing costs, without fully compensating selling price adjustments, resulted in declining profit margins, as a percentage of sales, in paints, commercial explosives and ammunition products.

Depreciation of \$21,813,000 was charged to operations during 1974, an increase of \$3,234,000 over 1973, mainly the result of depreciation on new facilities brought into operation during the year. Consistent with prior years, depreciation was determined on each plant or facility on a straight line method based upon an annual review of the estimated useful economic life of the asset, including an assessment of technological and commercial obsolescence.

Effects of Inflation

Although the Company has had a strong year in both sales and profit growth, the effect of the extremely high level of inflation must be taken into account in evaluating the financial results. In periods of rapid inflation, conventional accounting practices seriously understate, in terms of current purchasing power, the cost of goods produced and sold within the annual reporting cycle and thereby overstate profits. Inventories must be replaced at much higher costs. In addition, basing depreciation, which represents the loss in value of the manufacturing facility through use, on original cost at a time of rapidly rising capital replacement costs results in a further distortion of profits.

If the Company's earnings in 1974 were adjusted to recognize the effect of this change in purchasing power of the dollar on all of its accounts. it is estimated that the income before provision for taxes would be \$18,000,000 less than reported. Consolidated net income after taxes would also be correspondingly lower and earnings per share would be reduced to approximately \$2.10 a common share compared with the \$3.54 reported. The common shareholders' equity would increase from \$173,700,000 calculated on the historical cost basis, to \$207,800,000, on the basis of allowing for the effect of the change in purchasing power of the dollar, and the return on equity would decline from 20% to 10%.

High rates of inflation also have a serious impact on the Company's financial resources as increasing amounts of cash are required to replace inventories and maintain higher dollar levels of accounts receivable for the same volume of business. Taxes must be paid on the income calculated on the basis of traditional historical costs, which is a further drain on the cash resources necessary to maintain the existing level of the Company's business. In total, these requirements exceeded the cash generated from profits during the year.

A further area adversely affected by inflation is the capital markets since interest costs rise and the availability of long-term capital funds, both in the form of equity and long-term debt, is restricted. In a capital intensive industry such as chemicals, the ability to generate or attract the additional capital necessary to maintain the current level of operations and provide capacity to meet increasing market demands is made much more difficult and hazardous.

Working Capital

The net cash position at December 31, 1974 amounted to \$10,719,000, a decline of \$35,571,000 from the 1973 year-end position, reflecting a high level of capital expenditure and a substantial increase in accounts receivable and inventories.

Working capital items, excluding cash, increased by \$44,900,000 from the previous year. Accounts receivable were up \$22,037,000 and investment in inventories at \$108,016,000 was up \$43,144,000. The latter mainly reflected greatly increased prices of raw material, labour and other costs, and some stockpiling against possible shortages of supply, particularly in materials used to produce agricultural chemicals. Also included in inventories is the land held for sale and/or development in Canadian Freehold Properties Ltd. amounting to \$11,973,000. Partly off-setting these increases were the higher levels of accounts and notes payable, and taxes payable, up \$25,071,000.

Capital Expenditures

Additions to land, buildings and equipment during 1974 amounted to \$48,602,000, excluding Canadian Freehold Properties Ltd. Principal outlays were for the construction of the chloralkali plant at Becancour, Quebec, now scheduled for start-up in mid-1975; expansion of the sulphuric acid plant at Copper Cliff, Ontario; and a consolidated packaging facility for chemicals at Cornwall, Ontario. Site preparation is underway for a large ammonium nitrate plant near Calgary, Alberta, which will have a production capacity of 250,000 tons per annum.

Canadian Freehold Properties had capital expenditures of \$8,991,000 which included construction of office buildings and warehouses for rental purposes. In addition, this company purchased land for development valued at \$8,647,000 which is reported in consolidated inventory.

The unexpended balance on projects authorized is estimated at \$62,000,000 of which \$6,900,000 is in respect of Canadian Freehold Properties.

Other

The Company retired the remaining outstanding 33/4 % debentures amounting to \$4,977,000 which were due on November 15, 1974.

Change in Accounting Practices

In order to reflect recommended current accounting practices, the Company introduced the practice of accruing for vacation pay earned to December 31, 1974, but not paid, whereas in prior years such amounts were charged to income as paid. In addition, it adopted the equity method of accounting for the income of associated companies and the practice of amortizing the net difference between the cost of investment in subsidiaries and book value of their assets at acquisition over a ten-year period. The net effect of these changes reduced net income by \$2,186,000.

Consolidated Statement of Income and Retained Earnings

for the year ended December 31	1974	1973
Sales	\$517,586,000	\$383,289,000
Costs and expenses		
Operating costs excluding depreciation	430,236,000	331,900,000
Provision for depreciation	21,813,000	18,579,000
	452,049,000	350,479,000
Income from operations	65,537,000	32,810,000
Income from investments	2,811,000	3,282,000
Share in earnings of associated companies (note 1)	972,000	_
Long term debt interest, discount and expense	(3,115,000)	(3,217,000)
Income before provision for taxes	66,205,000	32,875,000
Provision for income taxes	28,900,000	14,876,000
Net income including minority interest	37,305,000	17,999,000
Minority shareholders' interest in the net income	2,463,000	2,047,000
of subsidiary companies		
Net income before extraordinary items Extraordinary items — net (note 5)	34,842,000 20,000	15,952,000 53,000
		16,005,000
Net income after extraordinary items	34,862,000	16,005,000
Retained earnings at beginning of year Deduct: Dividends	76,443,000	68,937,000
Preferred — 7½ %	174,000	174,000
Common (\$1.15; 1973 — \$0.85)	11,263,000	8,325,000
	11,437,000	8,499,000
Retained earnings at end of year	\$ 99,868,000	\$ 76,443,000
Earnings per common share, after preferred dividends		
Before extraordinary items	\$3.54	\$1.61
After extraordinary items	\$3.54	\$1.62

Consolidated Balance Sheet

at December 31

Current assets		1974	1973
Cash and deposits at interest		\$ 12,716,000	\$ 48,459,000
Marketable securities (market value \$125,000;		440,000	101 000
1973 \$183,000)		119,000 82,676,000	181,000 60,639,000
Accounts receivable Due from affiliated companies		714,000	760,000
Inventories (note 2)		108,016,000	64,872,000
Prepaid expenses		2,687,000	2,710,000
Total		206,928,000	177,621,000
Deduct:			
Current liabilities			
Bank loans		2,116,000	2,350,000
Accounts and notes payable and accrued liabilitie	es	65,536,000	44,466,000
Due to affiliated companies		4,671,000	5,318,000
Federal and provincial income taxes payable		13,960,000 4,057,000	9,959,000 3,292,000
Dividends payable Long term debt due within one year		4,057,000	4,977,000
Total		90,340,000	70,362,000
Total		30,340,000	70,002,000
Working capital		116,588,000	107,259,000
Notes receivable due after 1975		1,713,000	1,476,000
Investment in associated companies		6,478,000	6,517,000
Land, buildings and equipment (note 3)		145,812,000	115,523,000
Unamortized debenture discount and expense		273,000	330,000
Funds invested		\$270,864,000	\$231,105,000
Financed by:			
Long term debt (note 4)		\$ 63,766,000	\$ 55,476,000
Minority shareholders' interest in subsidiary comp	panies	11,336,000	8,796,000
Deferred income taxes		19,703,000	14,199,000
Shareholders' equity			
Capital stock	Shares		
7½% cumulative preferred of \$50 par value	01,4100		
Authorized and issued	46,500	2,325,000	2,325,000
Common of no par value			
Authorized	13,500,000		
Issued	9,794,161	73,866,000	73,866,000
Retained earnings		99,868,000	76,443,000
Total		176,059,000	152,634,000
		\$270,864,000	\$231,105,000

On behalf of the Board:

E. L. Hamilton , Director James Sinclair , Director

Consolidated Statement of Changes in Financial Position for the year ended December 31

Source of funds	1974	1973
Funds from operations		
Net income before extraordinary items	\$ 34,842,000	\$ 15,952,000
Depreciation and amortization	22,170,000	18,637,000
Deferred income taxes	5,465,000	1,946,000
Share in earnings of associated companies		
in excess of dividends received	(894,000)	
	61,583,000	36,535,000
Minority share of net income in subsidiary		
companies, less dividends	1,489,000	1,366,000
Issue of long term debt	8,930,000	3,100,000
Sale of fixed assets	1,796,000	1,222,000
Redemption of preferred shares of associated companies	765,000	_
Net decrease in working capital excluding cash,		
marketable securities and bank loans		7,276,000
Issue of shares to minority interest in a subsidiary company	1,506,000	
Total	76,069,000	49,499,000
Application of funds		
Dividends	11,437,000	8,499,000
Additions to fixed assets		
Canadian Industries Limited	47,567,000	21,532,000
Canadian Freehold Properties Ltd.	8,991,000	3,302,000
Acquisition and disposal of subsidiaries and shares		
in associated companies — net, less cash acquired	1,035,000	1,300,000
Retirement of long term debt	640,000	11,080,000
Notes receivable	237,000	430,000
Net increase in working capital excluding cash,	** === ===	
marketable securities and bank loans	41,733,000	
Total	111,640,000	46,143,000
(Reduction) increase in funds for year	(35,571,000)	3,356,000
Funds on hand less bank loans January 1	46,290,000	42,934,000
Funds on hand less bank loans December 31	\$ 10,719,000	\$ 46,290,000

Notes to Consolidated Financial Statements

December 31, 1974

1. Accounting policies

The Company follows generally accepted accounting principles which are applied on a consistent basis, except for modifications which are made from time to time to reflect current accounting practices and to improve financial reporting. As from January 1, 1974, the following changes have been introduced.

- a) The net difference between the cost of investments and the net book value of the assets of subsidiaries at date of acquisitions is being amortized over a period of ten years.
- b) The equity method of accounting has been applied to the investment in associated companies.
- c) Vacation pay earned to December 31, 1974 but not paid has been accrued, whereas in prior years such amounts were charged to income when paid.

The net effect of these changes for the year ended December 31, 1974 reduced net income by \$2,186,000.

Basis of consolidation

The accounts include Canadian Industries Limited and all of its subsidiary companies. The Company accounts for acquisitions on a purchase basis and follows the policy of adding to or deducting from consolidated fixed assets the difference between the cost of its investments and the net book value of the assets of subsidiaries at date of acquisition. At December 31, 1974 this difference less amount amortized is \$2,800,000.

Foreign currencies

Current assets and liabilities and income accounts of foreign subsidiaries are converted into Canadian dollars at exchange rates in effect at the end of the respective reporting periods. Fixed assets, long term liabilities and shareholders' equity are converted at rates of exchange in effect when first acquired, incurred or issued.

Inventories

Inventories are valued at the lower of average cost and net realizable value. Goods in process and manufactured finished goods include raw material, direct labour and manufacturing overhead expenses. Provision is made for obsolete and slow-moving stock. Inventories of land of Canadian Freehold Properties Ltd. held for sale or development are valued at cost.

Investment in associated companies

The value of shares of associated companies is shown at cost less amounts written off where underlying value of assets no longer exists and, as from January 1, 1974, have been adjusted to reflect the Company's share of earnings for the year.

Fixed assets and depreciation

Buildings and equipment are carried at cost less accumulated depreciation. Depreciation is provided on a straight line basis applied to the estimated useful life of the assets.

Research and development

All expenditures for research and development, except buildings and major items of equipment used for this purpose, are charged to income as incurred.

2. Inventories

The inventories are classified as follows:	December 31, 1974	December 31, 1973
Raw materials	\$ 34,561,000	\$ 18,453,000
Goods in process and finished goods	59,245,000	41,099,000
Stores and supplies	2,237,000	1,994,000
	96,043,000	. 61,546,000
Land held for sale or development	11,973,000	3,326,000
	\$108,016,000	\$ 64,872,000
3. Land, buildings and equipment	December 31, 1974	December 31, 1973
Land at cost	\$ 6,480,000	\$ 9,219,000
Buildings and equipment	323,097,000	270,770,000
Less: Accumulated depreciation	183,765,000	164,466,000
	139,332,000	106,304,000
	\$145,812,000	\$115,523,000

It is estimated that expenditures of \$62 million will be required to complete projects authorized prior to December 31, 1974.

Canadian Industries Limited 33/4 % sinking fund debentures due November 15, 1974 Less: Purchased and cancelled 25,000,000 20,023	
Less: Purchased and cancelled 25,000,000 20,023	
	000
	000
– 4,977	000
Due within one year 4,977	000
53/4 % debentures due December 1, 1977 20,000,000 20,000	000
5%% debentures due December 1, 1984 30,000,000 30,000	
Other 1,736,000 2,376	000
51,736,000 52,376	000
Canadian Freehold Properties Ltd.	
Bank loans due 1976-1979 — secured 5,284,000 2,000	000
Mortgages payable 9½-9¾% to 2010 6,746,000 1,100	000
12,030,000 3,100	000
\$ 63,766,000 \$ 55,476	

5. Extraordinary items

Details of the extraordinary items are as follows:

Gains arising from sale of land, buildings and investments

\$649,000

Less: Write off of excess of investment in shares of subsidiary companies over net book value of assets, where underlying value no longer exists

\$ 20,000

6. Pension Plan

The Company and most of its subsidiaries have a pension plan covering the majority of their employees. The contributions made by the companies and their employees are deposited in an irrevocable trust fund in accordance with the terms of the plan. There is an unfunded liability at the last actuarial valuation in December 1973 with respect to past services, which will be paid over the following 16 years at a rate of \$165,000 per year, in accordance with the regulations made under the Quebec Supplemental Pension Plans Act.

7. Contingent Liabilities

The Company had contingent liabilities as at December 31, 1974 of \$2,140,000 with respect to guaranteed loans to other companies and other contingent liabilities of \$325,000.

8. Remuneration of Directors and Senior Officers of this Company

	1974		1973	
	Number	Amount	Number	Amount
As directors	13	\$ 69,000	13	\$ 66,000
As officers	14	840,000	16	800,000
Officers who are also directors	3		4	

9. Lease commitments

The Company has certain lease commitments for the rental of buildings, tank cars and other facilities with aggregate net rentals of approximately \$6,800,000 per annum expiring at various dates to 1998.

10. Sales by Classes of Business

	1974		1973	
	Amount	%	Amount	%
Agricultural and Industrial Chemicals	\$264,933,000	51	\$185,532,000	48
Explosives, Ammunition and related products	151,542,000	29	121,159,000	32
Paints and Pigments	56,693,000	11	46,947,000	12
Other	44,418,000	9	29,651,000	8
	\$517,586,000	100	\$383,289,000	100

Auditors' Report

The Shareholders, Canadian Industries Limited

We have examined the consolidated balance sheet of Canadian Industries Limited and its subsidiaries as at December 31, 1974 and the consolidated statements of income and retained earnings and changes in financial position for the year then ended. For Canadian Industries Limited and those subsidiaries of which we are the auditors, our examination included a general review of the accounting procedures and such tests of accounting records and other supporting evidence as we considered necessary in the circumstances. With respect to those subsidiaries of which we are not the auditors, we have carried out such enquiries and examinations as we considered necessary in order to accept for purposes of consolidation the reports of the other auditors.

In our opinion these consolidated financial statements present fairly the financial position of the companies as at December 31, 1974 and the results of their operations and the changes in financial position for the year then ended, in accordance with generally accepted accounting principles applied, except for the changes referred to in Note 1, on a basis consistent with that of the preceding year.

Chartered Accountants

. Louche Ron + Co.

Montreal, Canada February 7, 1975

Consolidated Financial Review

	1974	1973	1972	1971	1970	1969	1968	1967	1966	1965
Consolidated Income Statement	t Items (m	illions of do	ollars)							
Sales	517.6	383.3	324.5	349.2	323.3	324.2	305.1	273.0	262.5	236.4
Depreciation	21.8	18.6	17.6	19.7	19.8	21.3	18.9	13.0	11.7	10.4
Income from operations	65.5	32.8	23.6	24.3	19.8	24.0	24.7	18.8	22.2	18.4
Long term debt interest,										
discount and expense	3.1	3.2	3.4	4.2	4.7	4.7	5.0	4.7	3.7	3.6
Provision for income taxes	28.9	14.9	10.1	9.9	6.5	7.4	10.4	8.2	9.9	7.6
Net income*	34.8	16.0	10.5	9.5	8.1	10.5	10.0	6.9	9.6	8.1
Dividends	11.4	8.5	6.1	6.1	6.1	6.1	5.1	6.5	6.5	6.5
Consolidated Balance Sheet Ite	ems (millio	ns of dollar	s)							
Working capital	116.6	107.3	111.2	87.0	68.1	65.8	57.1	45.4	58.9	76.9
Fixed assets	329.6	280.0	262.3	253.0	320.2	297.0	301.7	306.5	276.6	233.8
Accumulated depreciation	183.8	164.5	148.6	132.7	164.6	145.9	136.8	130.9	119.9	110.0
Capital expenditures	56.6	24.8	12.8	16.8	14.8	15.0	14.0	32.0	44.7	52.0
Long term debt	63.8	55.5	63.1	66.1	83.6	82.5	87.3	86.2	85.0	70.6
Shareholders' equity										
Preferred 7½%	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Common	173.7	150.3	142.8	138.3	127.9	125.8	118.3	113.4	113.0	109.9
Per Share of Common Stock (c	dollars per sh	— — nare)							Sala Salaman Sarany	White American
Earnings*	3.54	1.61	1.06	0.95	0.81	1.05	1.00	0.69	0.96	0.81
Dividends	1.15	0.85	0.60	0.60	0.60	0.60	0.50	0.65	0.65	0.65
Equity	17.74	15.35	14.58	14.12	13.06	12.84	12.08	11.58	11.54	11.22
Quarterly earnings								, , , , ,		
1st Quarter	0.51	0.17								
2nd Quarter	1.31	0.79								
3rd Quarter	0.75	0.34								
4th Quarter	0.97	0.31								
Year	3.54	1.61								

^{*}Before extraordinary items

Revue des états consolidés

*Sans les postes extraordinaires				_						
Exercice	3.54	19.1								
4e trimestre	76.0	18.0								
3e trimestre	27.0	48.0								
Se trimestre	15.1	67.0								
1er trimestre	12.0	71.0								
Bénéfice trimestriel										
yiovA	47.71	15.35	14.58	14.12	13.06	12.84	12.08	82.11	43.11	11.22
səbnəbiviQ	21.1	28.0	09.0	09.0	09.0	09.0	05.0	99.0	99.0	99.0
Bénéfice*	3.54	19.1	90. t	96.0	18.0	30.1	00. r	69.0	96'0	18.0
Répartition par action ordinaire	(dollars p	ar action)								
Actions ordinaires	7.871	150.3	142.8	138,3	9.721	125.8	E.811	4.811	0.611	6,601
Avoir des actionnaires Actions privilégiées à 71/2 %	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
Dette à long terme	8.69	9.88	1.89	1.33	9.88	82.5	£.78	2.88	0.28	9.07
Dépenses en immobilisations	9.95	8.42	12.8	8.91	8.41	0.81	0.41	32.0	7.44	0.23
Amortissement accumulé	8.681	5.431	9.841	7.281	9.491	6.241	8.381	130.9	6.611	0.011
Immobilisations	329.6	280.0	262.3	253.0	3.028	0.792	7.108	3.905	9.972	8.882
Fonds de roulement	116.6	£.701	2.111	0.78	1.89	8.39	1.73	4.84	6.83	6.97
	ob ab anoi									
Dividendes	4.11	G.8	1.9	1.9	1.9	1.9	1.3	3 .9	6.8	6. 9
Bénéfice net*	3.4.8	0.91	3.01	9.6	1.8	8.01	0.01	6.9	9.6	1.8
Provision pour impôts sur le revenu	28.9	6.4↑	1.01	6.6	5.9	4.7	4.01	2.8	6.6	9.7
Intérêt, escompte et frais relatifs à la dette à long terme	r.e 🤞	2.8	4.8	S.4	7.4	7.4	0.3	7.4	7.8	9.6
Bénéfice d'exploitation	5.23	8.28	23.6	24,3	8.61	0.4.0	7.4S	8.81	2.22	4.81
Amortissement	8.12	9.81	9.71	7.91	8.61	21.3	6.81	13.0	7.11	4.01
Sentes	9.713	8.888	324.5	3.945	8.838	3.458	1.305	0.572	262.5	236.4
Postes de l'état consolidé du reve	ijui) nu	lob əb snoill	lars)							

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Rapport des vérificateurs

Aux actionnaires Canadian Industries Limited

Nous avons examiné le bilan consolidé de la Canadian Industries Limited et de ses filiales au 31 décembre 1974 et les états consolidés du revenu et des bénéfices non répartis ainsi que de l'évolution de la situation financière pour l'exercice clos à cette date. En ce qui concerne la Canadian Industries Limited et les filiales dont nous sommes les vérificateurs, notre examen a compris une revue générale des méthodes comptables et les sondages des livres et des pièces justificatives que nous avons jugés nécessaires des circonstances. Relativement aux filiales dont nous ne sommes pas les vérificateurs, nous avons obtenu les Informations et effectué les examens jugés nécessaires pour accepter, aux fins de la consolidation, les rapports soumis par d'autres vérificateurs.

A notre avis, ces états financiers consolidés exposent fidèlement la situation financière des compagnies au 31 décembre 1974 ainsi que les résultats de leur exploitation et l'évolution de leur situation financière pour l'exercice clos à cette date, conformément aux principes comptables généralement admis et appliqués, à l'exception des changements mentionnés dans la note 1, suivant les mêmes modalités qu'au cours de l'exercice précédent.

ouche fon a cie

Comptables agréés

Montréal, Canada le 7 février 1975

5. Postes extraordinaires

000 679\$

959 000

\$ 50 000

comptable nette de leur actif, la valeur sous-jacente étant devenue nulle Moins: Radiation de l'excédent de la participation dans des filiales sur la valeur Gains provenant de la vente de terrains, d'immeubles et de placements Les postes extraordinaires comprennent:

6. Régime de retraite

du Québec. mément aux termes des règlements adoptés en vertu de la Loi des régimes supplémentaires de rentes montant sera payé au cours des seize prochaines années à raison de \$165 000 par année, conforsoumise en décembre 1973, le régime a un passif non pourvu à l'égard des services passés, dont le termes du régime, dans un compte en fiducie irrévocable. Selon la dernière évaluation actuarielle employés. Les cotisations versées par les compagnies et les employés sont détenues, selon les La Compagnie et la plupart de ses filiales offrent un régime de retraite à la majorité de leurs

7. Passif éventuel

d'emprunts d'autres compagnies et un autre passif éventuel de \$325 000. Au 31 décembre 1974, la Compagnie a un passif éventuel de \$2 140 000 par suite de la garantie

8. Rémunération des membres du Conseil d'administration et de la Direction de la Compagnie

2/61			11	61	
	Montant	Nombre	Montant	Nombre	
	000 99 \$	13	000 69 \$	13	
	000 008	91	000 048	14	uo
					ĴΓ
		7		3	

également administrateurs Membres de la Direction qui son A titre de membres de la Direction A titre d'administrateurs

9. Engagements en vertu des baux

viennent à échéance à différentes dates d'ici 1998. citernes et d'autres installations; les loyers annuels nets sont d'environ \$6 800 000 et les baux La Compagnie a certains engagements aux termes de baux portant sur des immeubles, des wagons-

10. Ventes par secteurs d'activité

100	\$383 589 000	100	\$217 586 000
8	29 651 000	6	44 418 000
15	000 246 94	11	26 693 000
35	121 159 000	58	121 245 000
84	\$182 235 000	15	\$564 933 000
%	Montant	%	Montant
	£761		1974

Autres produits Peintures et pigments Explosifs, munitions et produits connexes Produits chimiques agricoles et industriels

2. Stocks

106 304 000	139 332 000	
164 466 000	183 765 000	Moins: Amortissement accumulé
270 770 000	323 097 000	Immeubles et outillage
\$ 8518000	000 081 9 \$	Terrains au prix coûtant
31 décembre 1973	31 décembre 1974	3. Immobilisations
\$ 64 872 000	000 910 801\$	
3 326 000	000 876 11	Terrains pour revente ou mise en valeur
000 979 19	000 840 96	
000 766 1	2 237 000	Approvisionnements et fournitures
000 660 17	29 245 000	Produits en cours de fabrication et produits finis
\$ 18 453 000	\$ 34 261 000	Matières premières
31 décembre 1973	31 décembre 1974	Les stocks sont classés comme suit:

On prévoit que des dépenses de \$62 million seront nécessaires pour mener à terme les projets d'immobilisations autorisés antérieurement au 31 décembre 1974.

\$112 623 000

\$145 815 000

000 927 99 \$	000 994 89 \$	
3 100 000	15 030 000	
1 100 000	000 974 9	010S ioi'b ealdseruodmer % 4/8 e-s/4 esupothoth
2 000 000	2 284 000	Emprunts bancaires garantis, échéant de 1976 à 1979
		Canadian Freehold Properties Ltd.
62 376 000	21 736 000	
2 376 000	1 736 000	Autres dettes
30 000 000	30 000 000	Débentures 5% % échéant le 1er décembre 1984
SO 000 000	20 000 000	Débentures 5% % échéant le 1er décembre 1977
_	_	
000 776 4	_	Echéant à moins d'un an
000 779 4	-	
20 023 000	SE 000 000	Moins: rachetées et annulées
\$ 52 000 000	\$ 52 000 000	échéant le 15 novembre 1974
		Débentures 3% % avec fonds d'amortissement
		Canadian Industries Limited
1973	4761	
31 décembre	31 décembre	4. Dette à long terme

Notes sur les états financiers consolidés

31 décembre 1974

1. Méthodes comptables

La Compagnie respecte les principes comptables généralement admis, lesquels sont appliqués suivant les mêmes modalités d'un exercice à l'autre, à l'exception de certaines modalités d'un exercice à l'autre, à l'exception de certaines modifications que l'on apporte de temps à autre afin de tenir compte des pratiques comptables courantes et d'améliorer la présentation financière. Le 1er janvier 1974, on a introduit les modifications suivantes:

- a) La différence nette entre le prix coûtant des participations et la valeur comptable nette de l'actif des filiales à la date de leur acquisition est amortie en dix ans.
- b) La participation dans les compagnies associées est comptabilisée à la valeur de consolidation.
- comptes; dans les exercices précédents, les sommes en cause étaient imputées aux dépenses comptes; dans les exercices précédents, les sommes en cause étaient imputées aux dépenses

lors de leur paiement.

Ces modifications ont eu pour effet de réduire le bénéfice net de \$2 186 000 pour l'exercice clos le 31 décembre 1974.

Consolidation

Les états consolidés comprennent les comptes de la Canadian Industries Limited et de toutes ses filiales. La Compagnie comptabilise ses acquisitions selon la méthode de l'achat pur et simple et elle a comme politique d'ajouter aux immobilisations consolidées, ou d'en déduire, la différence entre le prix coûtant de ses participations dans les filiales et la valeur comptable nette de leur actif à la date de l'acquisition. Au 31 décembre 1974, cette différence, moins l'amortissement, est de \$2 800 000.

Devises étrangères

L'actif et le passif à court terme des filiales étrangères ainsi que leurs comptes de revenus et de dépenses sont convertis en dollars canadiens selon les cours des changes en vigueur à la fin de leurs exercices respectifs. Les immobilisations, la dette à long terme et l'avoir des actionnaires de ces mêmes filiales sont convertis selon les cours en vigueur au moment de leur acquisition, prise en charge ou émission initiale.

Stocks

Les stocks sont évalués au moindre du prix coûtant moyen et de la valeur nette réalisable. Les produits en cours de fabrication et les produits finis comprennent les matières premières, la main-d'oeuvre directe et les frais généraux de fabrication. Une provision tient compte des marchandises désuètes et difficiles à écouler. Les stocks de terrains de la Canadian Freehold Properties Ltd., détenus pour revente ou mise en valeur, sont évalués au prix coûtant.

Participation dans les compagnies associées

Les actions des compagnies associées sont comptabilisées au prix coûtant moins les sommes radiées lorsque la valeur d'actif sous-jacente est devenue nulle et, à compter du 1er janvier 1974, leur valeur comptable a été redressée pour tenir compte de la quote-part des bénéfices de l'exercice revenant à la Compagnie.

Immobilisations et amortissement

Les immeubles et l'outillage sont inscrits au prix coûtant moins l'amortissement accumulé. L'amortissement est calculé selon la méthode linéaire et basé sur une estimation de la durée utile des biens.

Recherche et mise en valeur

Toutes les dépenses engagées aux chapitres de la recherche et de la mise en valeur, à l'exception des immeubles et de l'outillage principal servant à cette fin, sont imputées aux résultats de l'exercice où elles sont effectuées.

Etat consolidé de l'évolution de la situation financière

pour l'exercice clos le 31 décembre

000 062 97 \$	000 614 01 \$	au 31 décembre
		Fonds en main moins les emprunts bancaires
42 934 000	46 290 000	Fonds en main moins les emprunts bancaires au 1er janvier
3 326 000	(32 571 000)	(Diminution) augmentation des fonds au cours de l'exercice
000 271 97	111 640 000	Total
_	41 733 000	Augmentation nette du fonds de roulement à l'exclusion de l'encaisse, des titres négociables et des emprunts bancaires
430 000	237 000	Effets à recevoir
11 080 000	000 019	Remboursement sur la dette à long terme
1 300 000	1 032 000	Acquisition et vente de filiales et d'actions de compagnies associées — net, moins l'encaisse acquise
3 302 000	8 991 000	Canadian Freehold Properties Ltd.
21 232 000	47 567 000	Danish Industries Limited
		Nouvelles immobilisations
000 66† 8	11 437 000	Dividendes
		Utilisation des fonds
000 00+ 0+	000 600 01	Total
000 66† 6†	000 690 94	
_	1 206 000	Emission d'actions au bénéfice d'une filiale des actionnaires minoritaires d'une filiale
7 276 000	_	l'encaisse, des titres négociables et des emprunts bancaires
000 020 2		Diminution nette du fonds de roulement à l'exclusion de
_	765 000	Rachat d'actions privilégiées de compagnies associées
1 222 000	000 967 F	Vente d'immobilisations
3 100 000	8 930 000	Dette à long terme
1 366 000	000 684 r	Part des actionnaires minoritaires dans les dividendes les bénéfices nets des filiales moins les dividendes
36 535 000	64 283 000	
_	(000 468)	Excédent de la quote-part des bénéfices des compagnies associées sur les dividendes reçus
000 976 1	2 465 000	Impôts sur le revenu reportés
18 637 000	22 170 000	stnemessitromA
\$ 12 962 000	\$ 34 845 000	Bénéfice net sans les postes extraordinaires
		Fonds provenant de l'exploitation
£791	4761	Provenance des fonds

Bilan consolidé au 31 décembre

\$531 102 000	\$270 864 000		
162 634 000	000 690 941		mor
000 844 97	000 898 66		shibqornon sashonad
000 566 35	000 998 84	191 467 6	Emises Bénéfices non répartis
000 000 02	000 000 02	13 200 000	seeiæ7
			Actions ordinaires sans valeur nominale
2 325 000	5 352 000	009 97	səsimə tə səəsirotuA
			02\$ alanimon ruelev
			Actions privilégiées, 71/2 % cumulatif,
		anoitoA	Capital-actions
			Avoir des actionnaires
000 661 41	19 703 000		lmpôts sur le revenu reportés
000 964 8	11 336 000	səle	Part des actionnaires minoritaires dans les fills
000 927 99 \$	000 994 89 \$		Dette à long terme (note 4)
			Financé comme suit:
\$531 102 000	\$270 864 000		lstot tnemeszitsevnl
330 000	273 000	entures	Escompte et frais non amortis relatifs aux débo
112 223 000	145 812 000		(S aton) enoitseilidomml
000 219 9	000 874 8		Participation dans les compagnies associées
000 213 3	1 713 000		Effets à recevoir échéant après 1975
107 259 000	116 588 000		Fonds de roulement
70 362 000	000 076 06		lstoT
000 446 7	_		Dette à long terme échéant à moins d'un an
3 292 000	000 ZSO 4		Dividendes à payer
000 696 6	13 960 000		Impôts fédéral et provinciaux sur le revenu
5 318 000	000 129 7		Comptes et effets à payer et frais courus Sommes à payer à des compagnies affiliées
7 320 000	000 911 S 000 929 900		Emprunts bancaires
3 350 000	000 911 6		Passif à court terme
			:9 déduire
177 621 000	206 928 000		lstoT
2 710 000	2 687 000		Stocks (note 2) Frais payés d'avance
64 872 000	108 016 000		Sommes à recevoir de compagnies affiliées Stocks (note 2)
000 092	82 676 000 714 000		Comptes de clients
181 000	000 929 68		(000 E81\$ E791 na
		:00	Titres negociables (valeur marchande \$125 00
000 697 87 \$	\$ 12716 000		Actif à court terme Encaisse et dépôts portant intérêt
£791	4791		000000 40000 4 8140 4
			au 31 décembre

Pour le Conseil:

E. L. Hamilton , administrateur James Sinclair , administrateur

Etat consolidé du revenu et des bénéfices non répartis

29.1\$	73.54	Y compris les postes extraordinaires
19.18	43.5 \$	Sans les postes extraordinaires
		sur les actions privilégiées
		Bénéfice par action ordinaire, après dividendes
000 877 94 \$	000 898 66 \$	Bénéfices non répartis à la fin de l'exercice
000 077 02 0		
000 66 \$ 8	11 437 000	
8 326 000	11 263 000	actions ordinaires (\$1.15 l'action; 85 cents en 1973)
174 000	174 000	% % \ T — səəibəlivirq snoitəs
		Dividendes Dividendes
000 786 89	76 443 000	Bénéfices non répartis au début de l'exercice
16 005 000	34 862 000	Bénéfice net, y compris les postes extraordinaires
000 89	20 000	Postes extraordinaires — net (note 5)
16 952 000	34 845 000	Bénéfice net sans les postes extraordinaires
2 047 000	2 463 000	les bénéfices nets des filiales
		Part des actionnaires minoritaires dans
000 666 71	37 305 000	Bénéfice net, y compris la part des actionnaires minoritaires
000 978 41	28 900 000	Provision pour impôts sur le revenu
32 875 000	ee 502 000	Bénéfice avant provision pour impôts sur le revenu
(3 217 000)	(3 115 000)	Intérêt, escompte et frais relatifs à la dette à long terme
- 000 707 0	972 000	Quote-part des bénéfices des compagnies associées (note 1)
32 810 000 3 282 000	65 537 000 2 811 000	Bénéfice d'exploitation Revenu de placements
000 674 038	452 049 000	aoitetiolaveth ceithard
000 627 038	21 813 000	Provision pour amortissement
331 800 000	430 236 000	Frais d'exploitation à l'exclusion de l'amortissement
000 000 100	000 300 007	Coûts et dépenses:
000 682 888\$	000 982 215\$	səinəV
5791	1974	le 31 décembre
		des bénéfices non répartis
		2;4,00,00,000;4,90,90,00

Immobilisations

250 000 tonnes. de production annuelle de cette usine sera de Calgary, en Alberta, sont en cours. La capacité portante usine de nitrate d'ammonium près de Ontario. Les travaux de terrassement d'une imment de produits chimiques à Cornwall, en la centralisation d'installations de conditionned'acide sulfurique à Copper Cliff, en Ontario, et milieu de 1975, l'agrandissement de l'usine Québec, dont l'ouverture est prévue pour le de l'usine de chloralcalis de Bécancour, au pales affectations ont porté sur la construction Canadian Freehold Properties Ltd. Les princi-\$48 602 000, sans tenir compte de celles de en équipement au cours de 1974 ont coûté Les acquisitions en terrains, en immeubles et

consolidé montant est inscrit au poste "stocks" du bilan rains qu'elle désire mettre en valeur. Ce compagnie a acheté pour \$8 647 000 de terd'entrepôts pour fins de location. De plus, cette coût de construction d'immeubles à bureaux et cours de 1974. Ces chiffres comprennent le Properties Ltd. se sont élevées à \$8 991 000 au Les immobilisations de Canadian Freehold

rapporte à Canadian Freehold Properties Ltd. ce montant, une somme de \$6 900 000 se tions approuvées est établi à \$62 000 000. De Le boni des affectations pour les immobilisa-

DIVERS

le 15 novembre 1974. de \$4 977 000 de débentures à 33/4%, échéant La Compagnie a retiré de la circulation le solde

Modification des méthodes comptables

le bénéfice net de \$2 186 000. pratiques a eu pour effet de réduire de leur acquisition. L'adoption de ces trois la valeur comptable de leur actif net à la date le coût des investissements dans les filiales et une période de dix ans, de la différence entre compagnies associées et l'amortissement, sur valeur de consolidation des bénéfices des avaient été payées, la comptabilisation à la soustraites du revenu au moment où elles bar les années passées, ces sommes étalent versées, au 31 décembre 1974, alors que indemnités de vacances gagnées, mais non tiques qui consistent en l'inscription des courantes, la Compagnie a adopté trois pra-Afin d'appliquer les méthodes comptables

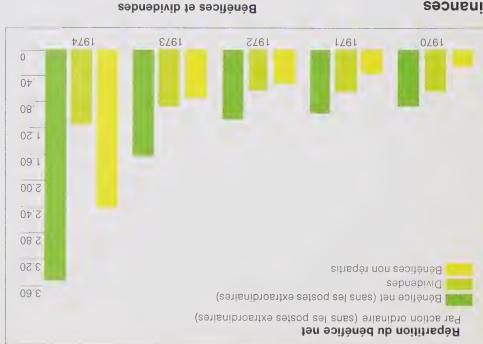
> fices pendant l'exercice. ont excédé les fonds engendrés par les bênèaffaires de la Compagnie. Au total, ces besoins essentielles au maintien du niveau actuel des épuise davantage les ressources financières selon les méthodes comptables traditionnelles, l'impôt sur le revenu, qui est toujours calcule pour un même volume d'affaires. De plus, accrue, en dollars, des comptes à recevoir remplacer les stocks et absorber la valeur Il faut, en effet, de plus en plus de fonds pour répercussions sur l'encaisse de la Compagnie. Le taux élevé d'inflation a également de graves

> satisfaire à la demande croissante du marché. menter la capacité de production de façon à maintenir le niveau actuel d'activité et augnir les fonds supplémentaires nécessaires pour plus difficile et risqué d'engendrer ou d'obtedni exige beaucoup de capitaux, il devient bien secteur comme celui des produits chimiques dette à long terme, est restreinte. Dans un nibilité des capitaux, du point de vue avoir et effet, le coût des intérêts augmente et la dispol'inflation: il s'agit du marché des capitaux. En Un autre domaine a subi les effets néfastes de

Fonds de roulement

rable des comptes à recevoir et des stocks. immobilisations et une augmentation considé-Ces chiffres traduisent de fortes dépenses en \$35 571 000 depuis la fin de l'exercice 1973. à \$10 719 000, ce qui signifie une baisse de Au 31 décembre 1974, l'encaisse nette s'élevait

de l'ordre de \$25 071 000. sement des comptes, effets et impôts à payer, out été en partie compensées par un accroismise en valeur. Cependant, ces augmentations Properties Ltd. à des fins de revente ou de \$11 973 000 que détient Canadian Freehold retrouve aussi des terrains d'une valeur de duits chimiques agricoles. Dans les stocks, on premières nécessaires à la fabrication de proculièrement en ce qui concerne les matières ves en prévision de pénuries éventuelles, partiest aussi attribuable à la constitution de réserq.oenvre et des autres couts d'exploitation; elle tion des couts de matieres premières, de mainles stocks est surtout due à la torte augmentapour atteindre \$108 016 000. Cette hausse dans valeur des stocks s'est accrue de \$43 144 000 à recevoir ont augmenté de \$22 037 000 et la par rapport à l'exercice précédent. Les comptes faite de l'encaisse, se sont accrus de \$44 900 000 Les postes du fonds de roulement, exception



technique et commercial. leur degré de désuétude du point de vue piens, ce qui comprend une appréciation de revue annuelle de la durée utile prévue de ces

Effets de l'inflation

profits. déforme encore davantage le montant des de remplacement croissent rapidement, on coût d'acquisition à un moment où les coûts matériel de production par l'utilisation, sur le ment, qui représente la perte de valeur du supérieurs. De plus, si l'on fonde l'amortissetion, doivent être remplacés à des coûts très stocks, qui sont évalués à leur coût d'acquiside l'exercice, surestimant ainsi les profits. Les marchandises fabriquées et vendues au cours voir d'achat courant, le prix de revient des quisseut considérablement, en termes de pouméthodes comptables traditionnelles amoinquemment, en période d'inflation rapide, les compte du niveau très élevé d'inflation. Consédans l'évaluation des résultats financiers, tenir fits a été forte pendant l'exercice, il faut, Même si l'augmentation des ventes et des pro-

de cet avoir passerait de 20% à 10%. d'achat réel du dollar, et le rendement \$207 800 000, si l'on tient compte du pouvoir méthodes comptables traditionnelles à de \$173 700 000, chiffre obtenu d'après les des détenteurs d'actions ordinaires passerait ordinaire, tel qu'inscrit, à environ \$2.10. L'avoir ces par action passeraient de \$3.54 l'action proportionnellement moins élevé et les bénéficonsolidé après provision pour impôts serait \$ 18 000 000 au montant inscrit. Le bénéfice net vision pour impôts serait inférieur de du dollar, on estime que le bénéfice avant prodans tous ses comptes le pouvoir d'achat réel 1974 de manière à prendre en considération Si l'on rajustait le bénéfice de la Compagnie en

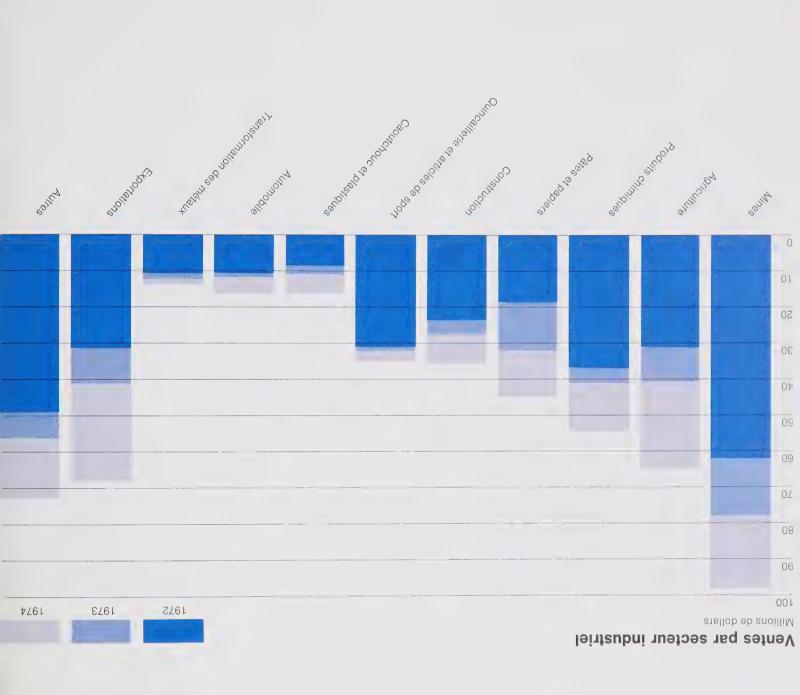
Bénéfices et dividendes

précédent étaient de 85 cents par action. dernier trimestre. Les dividendes de l'exercice dende spécial de 15 cents par action pour le dividendes trimestriels de 25 cents et un divipar action ordinaire, ce qui comprend quatre 31.1\$ £ fnevélè's sebnebivib sel ,4781 n3 .5791 ou \$1.61 par action ordinaire pour l'exercice actions privilégiées, par rapport à \$15 952 000 naire, après déduction des dividendes sur les atteint \$34 852 000, soit \$3.54 par action ordi-Le bénéfice consolidé de la CIL en 1974 a

Ventes et exploitation

sport. des explosifs industriels et des munitions de aux ventes, dans les secteurs des peintures, ficiaires, en termes de pourcentage par rapport a entraîné la diminution des marges bénéplètement les rajustements des prix de vente, de production, que n'ont pas compensé comdu coût de la main-d'oeuvre et des autres coûts augmentation du prix des matières premières, des bénéfices. D'autre part, la forte et rapide l'origine de l'accroissement des ventes et plus élevés, ont été pour une grande part a tion maximum continue et des prix de vente dne celni des plastiques, grâce à une producduits chimiques agricoles et industriels ainsi considérable des ventes. Les secteurs des proteurs d'activité ont enregistré un accroissement forte tout au long de l'année, et tous les sec-La demande de produits de la Compagnie a été \$134 297 000 ou 35% sur l'exercice précédent. \$517 586 000, ce qui représente une hausse de leur courbe ascendante et se sont chiffrées à En 1974, les ventes consolidées ont poursuivi

lation selon une méthode linéaire basée sur une la Compagnie a amorti chaque usine ou instalde l'exercice. Comme par les années passées, velles installations mises en service au cours due principalement à l'amortissement des noution de \$3 234 000 sur 1973. Cette hausse est \$21 813 000, ce qui représente une augmenta-En 1974, l'amortissement s'établissait à



1970 1971 1972 1973 1974 00.1 M. Hynes. 2.00 trateur laissé vacant à la suite du décès de la Compagnie, est nommé àu poste d'adminis-M. David M. Coyle, un des vice-présidents de 3.00 pour ses collègues du Conseil. tant pour la Direction de la Compagnie que affaires, s'est avéré un homme fort précieux contexte canadien et à son sens aigu des 00.4 Molson, grâce à sa parfaite connaissance du

Les employés de Chemetics International Ltd., tiliale en employés qui doivent suivre les cours de perfectionnement et de gestion de la Compagnie.

La CIL a ouvert en 1974 un nouveau Centre de conférences dans la région des Laurentides. Ce centre, situé à l'Alpine Inn de Sainte-Marguerite, au Québec, est destiné aux

actuelle un vit succès. prolongée. Sur la photo, on voit un soudeur en train d'installer un convertisseur à l'usine d'acide sulfurique de Copper Cliff, en Ontario, où l'appareil remporte à l'heure Sur le materne mondial de la tabrication d'actoe suminique cette fechnique lout à fait révolutionnaire consiste à con vertir en SO₂ le SO₂ confenu dans les gaz de fonderie multisant une méthode d'écoulement radral pluiot qui en recourant au procédé traditionnel par leque¹ (2019 2019) les gaz à travers un fit catalytique hontzers (2019 2019) vation a donc amené la création d'un nou-estu con contra permentire un fonctionnement continu pendan (2019 2019) permettre un fonctionnement continu pendan (2019 2019). prouvé une fois de plus qu'il y a place pour la créativ. e au sein de la Compagnie. Ils ont en effet mis au point ancée nouvelle technique qui est maintenant prête a être lancée sur le marché mondial de la fabrication d'acide sulturique sur le cette se production de la fabrication d'acide sulturique qui tatte se production de la fabrication d'acide sulturique que la fabrication d'acide sulturique d'acide sult toute propriété de la CIL, et les employés de la CIL ont



augmentations de salaire prévues dans les conventions. A la fin de l'année, la CIL et ses filiales comptaient 9 176 employés, soit une diminution de 2% par rapport à 1973.

Administrateurs

Nous avons le profond regret d'annoncer le décès de M. Leonard Hynes, survenu le 1er mars 1975. M. Hynes était entré au service de la Compagnie en 1933 à sa sortie de l'université et avait occupé différents postes au sein de la Compagnie. En 1962, il était élu président de la CIL et devait occuper ce poste jusqu'en 1971, date à laquelle il était élu président du conseil d'administration, dont il faisait partie depuis d'administration, dont il faisait partie depuis 1954.



M. Hynes a joué un rôle important au sein de la CIL et a acquis une grande réputation au sein de la société et de l'industrie des produits chimiques ainsi que dans le monde des affaires tant international que national. Ses asges conseils et les qualités de chet dont il a fait preuve au cours de sa carrière, consacrée à la CIL et au Canada, manqueront à tous.

La Compagnie doit aussi annoncer le départ de l'Honorable Hartland deM. Molson qui ne sollicitera pas le renouvellement de son mandat d'administrateur lors de l'assemblée générale annuelle en avril 1975. Le sénateur Molson occupe le poste d'administrateur de la CIL depuis 1954. Il avait été élu en 1952 au conseil d'administration de la compagnie qui a donné d'administration de la compagnie qui a donné naissance à la CIL. Pendant 23 ans, le sénateur

Personnel

Pour la deuxième année consécutive, les employés ont atteint un niveau record de sécurité dans l'histoire de la CIL. Il y a là de quoi être très fier. En effet, le taux de fréquence d'accidents entraînant incapacité est, en 1974, de 1.09 par million d'heures-homme. Pour atteindre ce chiffre record, non seulement il a fallu relever les défis et y consacrer les ressources humaines et techniques nécessaires, mais encore obtenir la collaboration de tous les encore obtenir la collaboration de tous les dencore obtenir la collaboration de tous les employés pour mener à bien les programmes de prévention des accidents.

eu dans cette usine aucun accident entraînant 1975. Depuis son ouverture en 1963, il n'y avait survenu à l'usine de Dalhousie au début de Old a perdu la vie dans un accident du travail malheureusement signaler qu'un employé de la l'usine d'un de nos clients. Il nous faut aussi coûté la vie à un employé qui travaillait dans à Alchem Limited qui, au début de 1974, a sécurité. Nous déplorons toutefois un accident atteindre un certain nombre d'objectifs de les principales filiales s'employaient déjà à ont été appliquées aux filiales. A la fin de 1974, les normes et mesures de sécurité de la CIL Un progrès sensible s'est déjà fait sentir lorsque bien dans ses usines que dans ses filiales. complètement les accidents du travail aussi La CIL s'est fixé comme objectif d'éliminer

supérieures. de formation en techniques commerciales cette année à un nouveau programme et les commercialistes ont participé suivi un cours de formation. Les représentants et le personnel spécialisé ont, en 1974, objectifs et d'examen des résultats, les cadres pratique le programme d'établissement des et le rendement. Afin de bien mettre en duels qui permettent d'évaluer les progrès tectionnement personnel et des objectifs indivitifs de l'entreprise, des programmes de peravec son personnel et à la lumière des objecpersonnel. Aussi établit-elle, en collaboration objectifs, mais en fixe à chaque membre de son La Compagnie se fixe non seulement des

L'inflation a, cette année, posé des problèmes inhabituels au niveau des salaires et des traitements. Onze des trente-trois conventions collectives de la Compagnie et de ses filiales ont expiré en 1974 et toutes, sauf deux, ont été renouvelées avant la fin de l'année. A Beloeil, il y a eu grève à l'usine d'explosits et de produits chimiques agricoles du 9 septembre au 28 novembre, date à laquelle il y a eu entente. Bien que la renégociation des vingt-deux autres conventions collectives n'ait pas été prévue cas, soit un réajustement des salaires, soit un avancement de la date d'entrée en vigueur des avancement de la date d'entrée en vigueur des avancement de la date d'entrée en vigueur des

Peintures et pigments

Peintures Développement immobilier

Deveroppement immobilier

Au cours de 1974, le taux de croissance de
Canadian Freehold Properties Ltd., une filiale
de la CIL chargée d'administrer des intérêts
immobiliers, est demeuré à la hausse. Six
immeubles situés respectivement à Toronto,
Victoria et Vancouver sont terminés ou le seront
sous peu. Les accords conclus pour le financement de ces projets sont avantageux et il y a
lieu de croire que les fonds engendrés par la
lieu de croire que les fonds engendrés par la
compagnie seront des plus intéressants.

Une grève dans le secteur de la construction, la forte augmentation du coût des matériaux et des taux d'intérêts sont à l'origine du ralentissement dans certaines régions de la Colombie-Britannique. Cette situation a fait qu'il a fallu surseoir à la Construction d'un complexe immobilier comprenant un hôtel et des appartements à Victoria. Toutefois, la construction d'un immeuble d'habitation collective se d'un immeuble d'habitation collective se poursuit dans cette ville comme prévu.

Deux projets d'envergure comprenant l'aménagement d'un parc industriel dans la région sud-est d'Edmonton et la construction d'un immeuble de 19 étages, idéalement situé dans le centre de Vancouver, ont été approuvés par les autorités municipales.

Burnside Development Company Limited, une compagnie immobilière d'Halifax dont Canadian Freehold Properties Ltd. détient 50% des actions, a érigé trois entrepôts et mis en chantier un immeuble à bureaux de 9 étages situé dans le quartier des affaires d'Halifax. Tous les immeubles terminés de Burnside qui jouissent d'un financement à long-terme satisfaisant sont loués et procurent des revenus intéressants.

Les ventes de peintures ont accusé cette année une hausse sensible par rapport à 1973 dans fous les secteurs du marché. Cependant, les marges bénéficiaires ont beaucoup souffert de ce que l'augmentation des prix de revient, notamment au niveau des matières premières, notamment au niveau des matières premières, n'ait pu se répercuter assez vite sur les prix de vente. La pénurie de matières premières, aurtout des produits dérivés du pétrole et du gaz surtout des produits dérivés du pétrole et du gaz naturel, a ralenti la production. Mais, à la fin naturel, a ralenti la production et la demande était rétabli.

La filiale de la CIL à la Jamaïque a connu les mêmes difficultés d'approvisionnement. Son rythme de production s'en est trouvé ralenti, mais grâce à une augmentation de ses prix, elle a réussi à accroître son chiffre de ventes et as marge bénéficiaire.

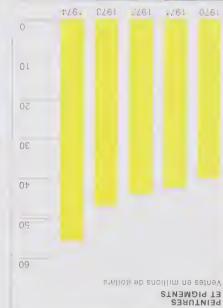
Plastiques

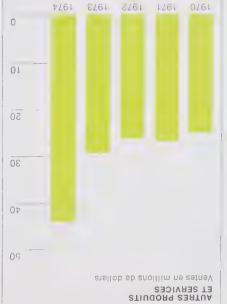
résine et de la pellicule en 1974. forte augmentation du chiffre de ventes de la importée et les prix plus élevés expliquent la revente d'un volume considérable de résine de la hausse rapide des prix de revient. La les augmenter encore pour compenser les effets longue période de surproduction, mais il a fallu après avoir subi un fléchissement dû à une et de la pellicule ont continué de se redresser clients habituels. Les prix de vente de la résine accroître la quantité de résine distribuée à ses Japon. A la fin de l'exercice, elle avait réussi à de revente aux Etats-Unis, en Europe et au nsine d'Edmonton en se procurant des produits Compagnie a suppléé à la production de son canadiens. Au cours de l'exercice, la fallu répartir la résine entre les utilisateurs canadien, n'étalent plus disponibles. Il a donc d'habitude en résine jusqu'à 25% du marché 1974. Les importations, qui fournissaient s'est poursuivie pendant assez longtemps en La pénurie mondiale de résine de polyéthylène

La CIL a, tout au long de 1974, poursuivi l'étude approfondie d'un projet de construction, en Alberta, d'une importante usine de polyéthylène qui fera partie d'un complexe pétrochimique à vocation internationale. L'Alberta Gas Trunk Line Company Limited, la CIL et plusieurs autres sociétés participent à l'aménagement de ce complexe.

Autres produits et services











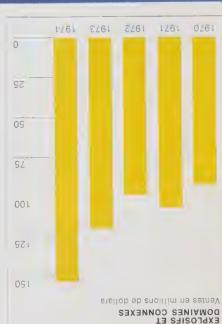
seront situés dans un beau quartier de banlieue, près de la principale voie d'accès qui relie les villes de Vancouver et de New Westminster, en Colombie-Britannique. Canadian Freehold Properties Ltd., société de placements qui est une tiliale de la ClL, s'occupe de la construction du complexe immobilier tillustré ci-dessous. A la tin des travaux, la Compagnie disposera de deux immeubles à bureaux avec stationnement intérieur étagé. Ces immeubles pour et au compagnie ut proposera de deux immeubles de suit a compagnie ut proposera de de deux de compagnies de la compagnie ut de compagnies de corons suit s'accident de compagnies de corons s'accident de compagnies de corons suit s'accident de compagnies de corons s'accident de compagnies de corons s'accident de compagnies de corons s'accident de corons s'ac

En 1974, la Division des peintures CIL a mis sur le marché la collection de tapisseries "Vymura" qui remporte à l'heure actuelle beaucoup de succès. Il s'agit de revête-ments muraux en vinyle encollés fabriqués en Angleterre par Impenal Chemical Industries Limited, société mère de la CIL.

7

L'usine de plastiques de la CIL de Brampton, en Onfario, a installé récemment une chaîne de production sur laquelle circulent des rouleaux de pellicule qui serviront à la fabrication de sacs industriels à valve et à plis. Ces ascs setvent au conditionmement des engrais CIL. Cettle nouvelle chaîne de production est la première d'une série qui sera installée en vue d'augmenter la capacité de production de la première d'une série qui sera production.









La CIL s'est efforcée encore cette année d'améhorer la sécurité au cours des opérations de sautige. A cet effet, le "Nonel" s'est avéré des plus utiles, II s'agit d'une amorce non électrique qui permet l'initiation de la déflagantor. Cette photographie a été prise immédiatement après l'amorçage. Le "Nonel", dont la CIL est le fabricant et le vendeur au Canada, convient à tous les et le sendeur au Canada, convient à tous les et le vendeur au Canada.

Des ouvriers ont tiré des cartouches à plomb de calibre 8 pour usage industriel dans un four extrêmement chaud d'une usine exploitée par Hefractories Division Dresser Industries Canada, Ltd., à Kilmar, au Québec. Les cartouches peuvent projeter trois onces de plomb et sont couramment utilisées pour briser les soories qui peuvent se couramment utilisées pour briser les soories qui peuvent se former dans les fours. Cette compagnie, cliente de la CIL, est l'un des chels de lie dans l'industrie mondiale de la Partication de brique rétractaire pour fours et fournaises

De concert avec des entreprises de pointe du secteur de la prospection sismique, la CIL a mis au po nt une neu veile méthode de tir pour la prospection du pétrole et du gaz naturel dans l'Arcitique. Connue sous le nom de méthode "Aquaflex" de tir sous-marin vertical sous la glace, cette découverte permet aux équipes sismiques de laire des levées de plus de 10 milles par vour et ce même dans l'Arcitique où les conditions d'exploration sont des plus difficiles.

For 1974, West African Explosives and Chemicals Limited.

Une filiale de la CIL, a offert deux hippopolames nains au
Toronto Metro Zoo. Ces charmantes bêtes, qui pèsent
environ 350 lb à l'âge adulte, appartiennent à une espèce
en voie de dispartition que l'on ne retrouve plus que dans
les lointaines contrées du Libéria

Services à l'industrie minière

de ses produits. et amélioré et au déploiement de la gamme ment à la mise au point d'équipement nouveau desservis. Cette compagnie travaille actuelleune activité accrue dans les secteurs miniers ment plus élevées en 1974 qu'en 1973, reflétant Jarvis Clark Company Limited ont été relative-Les ventes d'équipement minier souterrain de

géophysique du groupe McPhar. sa participation aux travaux de prospection ment réfléchi à la question, la CIL a mis fin à pourquoi, à la fin de 1974, après avoir mûrerentable au cours des dernières années. C'est Canada et ce genre d'activité ne s'est pas avéré climat impropice à la prospection prévaut au pas touché le secteur de la prospection. Un La relance de l'industrie minière n'a cependant



Munitions et armes de sport

du rendement de l'exploitation. mentation des prix de vente et de l'amélioration des métaux, n'ont pas suivi le rythme de l'augproduction, particulièrement le prix d'achat et du volume national. Cependant, les coûts de à cause de l'augmentation des prix de vente sont légèrement supérieures à celles de 1973 Les ventes d'armes de sport et de munitions

munitions de Plattsburgh, New York. du marché Américain et de fermer l'usine de En 1974, la Compagnie a décidé de se retirer

Explosifs

accessoires tations des explosifs industriels et de leurs s'est aussi manifestée au niveau des exporventes par rapport à 1973. Cette augmentation y a eu une augmentation substantielle des secteurs du marché canadien des explosifs, il A cause du rendement soutenu de tous les

du nord-ouest des Etats-Unis. de l'industrie minière de l'ouest du Canada et usine doit répondre aux besoins grandissants en exploitation est prévue pour 1977. Cette usine de nitrate d'ammonium, dont la mise Calgary, la Compagnie a mis en chantier une demande. En Alberta, dans la région de d'explosifs afin de pouvoir répondre à la forte agrandissons nos installations de production porté le succès commercial escompté et nous pour trous de mine de petit diamètre, a remmarché des nouveaux explosifs en bouillie CIL, Au cours du dernier exercice, la mise en

generaliser. "electrifiées" et leur usage ne peut que se "Nonel" conviennent parfaitement à ces mines électrique. Les amorces non électriques l'énergie pneumatique au profit de l'énergie Canada qu'à l'étranger, abandonne peu à peu tions de travail, l'industrie minière, tant au d'améliorer l'efficacité, la sécurité et les condiconviennent à tous les types d'explosifs. Afin éliminent les risques de tirs prématurés et nombreuses expériences sur le terrain. Elles Ces amorces font actuellement l'objet de commercialiser au Canada et à l'étranger. des amorces non électriques "Nonel" et de les obtenu l'autorisation de fabriquer au Canada entente conclue avec Nitro Nobel A.B. de Suède, En 1974, la Compagnie a, aux termes d'une

principale usine, celle de Beloeil au Québec. connu une grève de six semaines dans sa matières premières, le secteur des explosifs a difficultés d'approvisionnement de certaines créés par une inflation croissante et des mières: En plus des problèmes d'exploitation hausse constante du prix des matières prevente de tous nos produits pour compenser la Cette année, il a fallu augmenter les prix de

chiffre de ventes supérieur à celui de 1973. des mêmes produits au Québec, ont eu un Ventes d'Explosifs (1970) Ltée, distributeur produits connexes CIL en Colombie-Britannique, sives Limited, distributeur d'explosifs et de largement celles de 1973. Continental Exploexplosits industriels au Libéria, ont dépassé Chemicals Limited, une filiale qui fabrique des Les ventes de West African Explosives and

de vie. de différentes matières sur diverses formes pollueurs sur le milieu et à l'évaluation des effets pectivement à l'étude des effets de certains Bio-Recherches Limitée, la CIL travaille res-Eco-Recherches Limitée et Les Laboratoires Grâce à la participation qu'elle a acquise dans

0461 1973 1972 1261 1974 des plus prometteurs. Dans ce domaine nouveau, l'avenir semble produire de l'énergie et des matières utilisables. la récupération et du recyclage en vue de 200 eu ce seus' Lucil s'occupe de plus en plus de au Canada. Parce qu'elle est bien organisée d'industries et de municipalités un peu partout l'élimination de déchets solides et liquides Trimac Limited, se charge de la cueillette et de 300

> Ventes en millions de dollars PRODUITS CHIMIQUES
> AGRICOLES ET INDUSTRIELS

seurs dans le monde entier. de nombreuses défectuosités de leurs unités de refroidis-sement en fonte. Chemetics International Ltd., filiale de la CIL, s'occupe de la commercialisation de ces refroidisde Toronto, en Ontario. L'appareil s'envolera à destination d'Abadan, en Iran. Cet envoi urgent fait suite à une demande pressante de la compagnie Shahpur Chemical dont l'usine d'acide était menacée de termeture en raison 15 tonnes est chargé à bord d'un avion nolisé à l'aéroport Un refroidisseur d'acide sulphurique en acier inoxydable de Þ propriété de la CIL, ont inauguré le nouveau siège admi-nistratif et les nouvelles installations d'entreposage de leur usine de Saltfleet, en Ontario

Les Produits chimiques Chipman Limitée, filiale en toute

le marché prometteur de la soude caustique et du chlore

Bécancour, au Québec, construite au coût de \$40 millions, est prévue pour le milieu de 1975. Cette usine alimentera

La mise en service de la nouvelle usine de chloralcalis de

demander conseil à la Division des produits chimiques

complète de produits pour pelouses et lardins et peut jechniques, l'amateur de lardinage se voit offrir une variète gamme d'engrais, de produits connexes et de services

Tout comme le fermier qui a à sa disposition une vaste

3







et industriels Produits chimiques agricoles

d'usines similaires en Turquie et au Brésil. de nouveaux contrats pour la construction façon satisfaisante. Chemetics vient de conclure usines de produits chimiques ont progressé de slavie, les travaux de construction des cinq réserve le marché international. En Yougopapiers confirme l'accueil favorable que leur compagnie pour la fabrication des pâtes et sulfurique et de procédés de réfrigération de la hausse des ventes de réfrigérants d'acide ont plus que doublé par rapport à 1973. La forte Les ventes de Chemetics International Ltd.

a acquis une participation dans Volstatic of rables. Au cours de l'année, Canadian Hanson Hanson, englobe des exportations considéleurs ventes, ce qui, dans le cas de Canadian ont connu un accroissement appréciable de Canadian Hanson Limited et Alchem Limited



1973, ont dépassé les prédictions. canadien et que la CIL a acquise à la fin de qui produit de l'acide sulfurique dans l'Ouest les ventes d'Inland Chemicals Ltd., compagnie son usine de Burlington, en Ontario. En 1974, installations et la superficie d'entreposage de des métaux. Alchem Limited a agrandi les Hanson offre déjà dans le secteur de la finition logique à la gamme des produits que Canadian trostatique, ce qui constitue un complément d'installation de systèmes de poudrage élec-Canada Limited, compagnie de conception et

sur les marchés intérieur et extérieur. produits ayant connu une demande accrue dépassé de beaucoup celles de 1973, tous ses compagnie associée administrée par la CIL, ont Les ventes de Cornwall Chemicals Limited,

Limited, filiale détenue en copropriété avec encourageants. Tricil Waste Management relativement nouveau ont fait des progrès fort En 1974, les activités de la CIL dans ce domaine Amélioration de la qualité de l'environnement

Produits chimiques agricoles

inférieurs à ceux des Etats-Unis. même si les prix canadiens étaient, en général, entraîné une augmentation des prix de vente, du phosphate de roche et de la potasse, a matières premières, surtout celui du gaz naturel, que prévu. La montée en flèche du coût des près de Sarnia, a produit plus d'ammoniaque de la Compagnie. La principale usine d'engrais, lations de production et de distribution d'engrais augmenter le rendement de toutes les instal-Il a fallu, pour satisfaire aux besoins des clients, fortement par rapport à l'exercice précédent. Conséquemment, les ventes se sont accrues demande d'engrais qui avait débuté en 1973. que se poursuive la croissance rapide de la La vigueur de l'économie agricole a permis

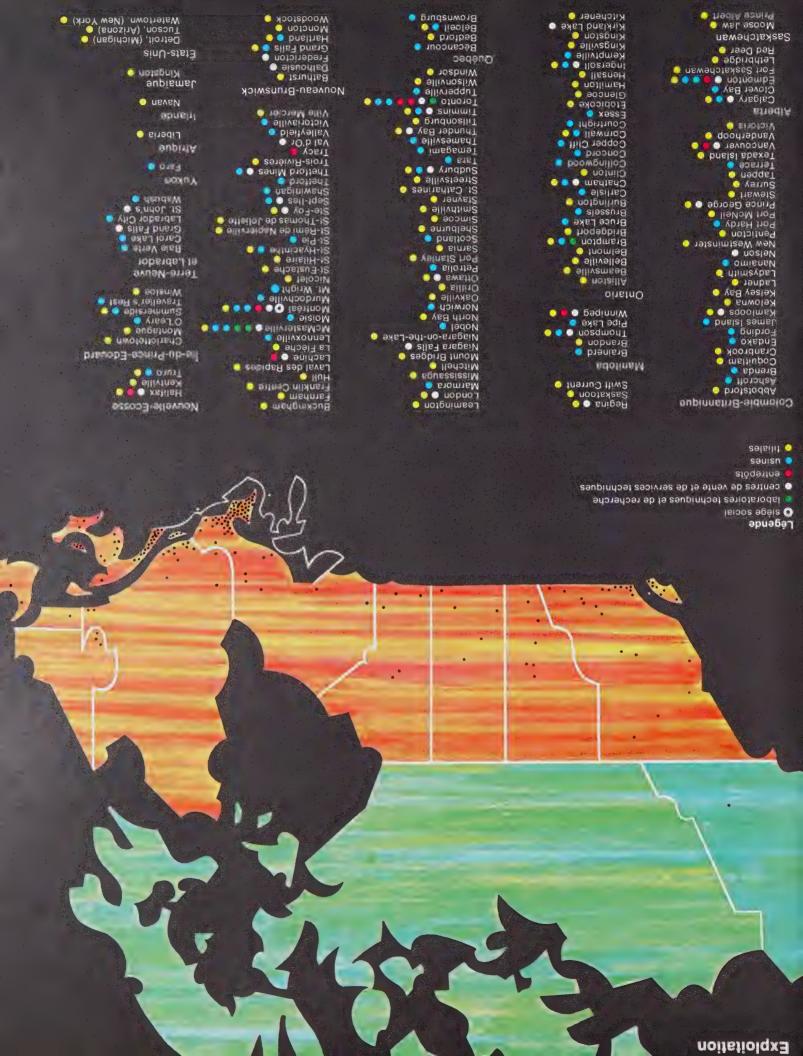
l'on peut déjà prévoir. satisfaire à l'accroissement de la demande que de production de l'usine de Sarnia afin de On augmente, de façon modérée, la capacité

construit un nouveau siège administratif. usine située près d'Hamilton, Chipman a d'accroître la superficie d'entreposage de son produits achetés pour la revente. En plus coût plus élevé des matières premières et des L'accroissement de ces derniers reflète le l'augmentation du volume et des prix de vente. largement dépassé celles de 1973 à cause de également ferme. Les ventes ont, en effet, Produits chimiques Chipman Limitée était Le marché des herbicides et pesticides des

Produits chimiques industriels

de vente. a dû être répercutée au niveau des prix l'augmentation considérable des prix de revient n'ont pas fait défaut mais, dans bien des cas, volume des ventes. Les matières premières duits chimiques que l'on doit l'augmentation du on bresque, aussi est-ce à la revente de prola Compagnie fonctionnent à plein rendement annees deja, les usines de produits chimiques de autres marchés industriels. Depuis quelques et des engrais, et par la vitalité générale des trie des pâtes et papiers ainsi que des mines forte demande de produits de la part de l'indus-1973. Cette amélioration s'explique par une ont considérablement augmenté par rapport à Les ventes de produits chimiques industriels

d'acide sulfurique a été accrue à Copper Cliff. A la fin de l'année, la capacité de production de produits chimiques liquides et gazeux. de Cornwall, qui s'occupe du conditionnement de diverses usines ont été réunies à l'usine Canada. Au cours de l'année, les installations soude caustique et du chlore dans l'est du Compagnie sur le marché prometteur de la consolidera la position déjà avantageuse de la la construction. L'exploitation de cette usine raison des conflits ouvriers dans le secteur de de 1975, soit six mois plus tard que prévu en de Bécancour, au Québec, aura lieu au milieu L'ouverture de la grande usine de chloralcalis



relatifs à un vaste complexe pétrochimique en Alberta; la Compagnie étudie la possibilité d'y construire une usine de polyéthylène de portée internationale.

Bien que la plupart des marchés alimentés par Bien que la plupart des marchés alimentés par la CIL connaissent une croissance économique soutenue, il est probable que l'exercice 1975 sera une année de défi, puisque les grands secteurs de l'économie auront à affronter de graves problèmes. Nous n'envisageons pas moins l'année qui débute avec confiance. Le personnel de la CIL a joué un rôle prépondérant dans la réussite de l'exercice 1974; ses efforts sont grandement appréciés et nous comptons sur lui pour faire de 1975 un succès.

Pour le Conseil d'administration

Le président

E. L. Hamilton

Montréal, Québec, le 20 mars 1975

au Québec, n'aura lieu qu'au milieu de 1975, soit six mois plus tard que prévu en raison des conflits ouvriers dans le secteur de la construction, conflits qui ont aussi fortement fait croître les coûts. Le secteur de la construction au Québec connaît de graves problèmes qui, s'ils ne sont pas résolus, risquent de compromettre la croissance de l'économie québécoise.

pour remédier à cette situation. du personnel doivent donc unir leurs efforts du lieu de travail. La Compagnie et l'ensemble du taux de fréquence des accidents en dehors Nous nous inquiétons de la hausse, en 1974, du travail demeure un objectif primordial. travail et l'élimination complète des accidents la plus grande importance à la sécurité au duction maximale. La CIL a toujours accordé de la Compagnie par la nécessité d'une prosituation difficile créée dans plusieurs usines plus louable qu'elle a été obtenue malgré la conjugués de tous les salariés et est d'autant civile. Cette réussite est le fruit des efforts le plus bas jamais atteint au cours d'une année dents avec perte d'heures de travail, soit le taux s'est poursuivi en 1974 et il n'y eu que 15 accisécurité de la CIL depuis quelques années Le progrès constant qu'enregistre le dossier

possibilités d'investissement. capitaux nécessaires pour profiter de ces stable si l'on veut s'assurer les importants l'importance d'un climat de planification plus ques nationaux. On s'insistera jamais assez sur découlaient de facteurs politiques et économiou moins impuissant. D'autres, par contre, nationales face auxquelles le Canada est plus incertitudes provenaient de situations interen matière d'investissements. Certaines de ces instable et rendait difficile la prise de décisions régnait dans ce secteur, était particulièrement En 1974, le climat économique qui concurrentiel à l'échelle internationale. canadienne des possibilités d'investissement électrique semble offrir à l'industrie chimique en matière d'hydrocarbures et d'énergie La situation relativement favorable du Canada

La CIL accorde une attention soutenue à l'utilisation de ses ressources afin de profiter des possibilités d'investissements importants qui s'offrent à elle. C'est sinsi qu'à la fin de 1974, on a décidé de construire près de Calgary, en Alberta, une vaste usine qui produira du nitrate d'ammonium de type explosif et alimentera les marchés à croissance rapide de l'ouest du Canada et du nord-ouest des Etats-Unis. De plus, la CIL participe, au sein d'un groupe de compagnies, à l'élaboration de projets

coût de la main-d'oeuvre. sout fraduites par une hausse considérable du de salaire supérieures à la normale, qui se accorder pendant l'exercice des augmentations inflationnistes très fortes, la Compagnie a du la fin de 1973. En 1974, par suite des pressions singab %001 auplaup ab atnamgus s xing nos de 1973 et le début de 1975. Quant au mazout, engrais, a subi une hausse de 600% entre la fin première essentielle dans la fabrication des le prix du phosphate de roche, une matière accru en moyenne de 36%. A titre d'exemple, premières achetées par la Compagnie s'est les prix de vente. En 1974, le prix des matières revient nous a cependant obligés à augmenter de l'exercice. Le taux d'inflation des prix de coûts et d'obtenir d'heureux résultats au cours partie, permis de contrebalancer la hausse des la Compagnie. Ces améliorations ont, en productivité dans tous les secteurs d'activité de Nous avons réussi à accroître l'efficacité et la

Les dépenses en immobilisations ont plus que doublé par rapport à celles de 1973 et se chiffrent pour l'exercice 1974 à \$57.6 millions, somme qui comprend les \$9.0 millions de Canadian Freehold Properties Ltd. Ces dépenses ont nettement dépassé les prévisions et leur augmentation est attribuable à la hausse du prix des main-d'oeuvre. L'oumatériaux et du coût de la main-d'oeuvre. L'oumatériaux et du coût de la main-d'oeuvre. L'ouverture de l'usine de chloralcalis de Bécancour.

façon de mesurer les effets de l'inflation sur les résultats financiers de l'entreprise, mais il importe d'en reconnaître toute la portée. S'il fallait rétablir les comptes de la Compagnie en prenant en considération le pouvoir d'achat réel du dollar en 1974, le bénéfice par action passerait de \$3.54 à \$2.10, l'avoir des détenteurs d'actions ordinaîres de \$173.7 à \$207.8 millions et le rendement de cet avoir de 20% à 10%.

de compte. plus en détail comment l'inflation entre en ligne 'industrielle. La section "Finances" explique coûteux et risqué le financement de l'expansion les investissements à long terme, rendant ainsi capitaux restreint la disponibilité de fonds pour élevé d'inflation qui frappe les marchés de de la Compagnie. Concurremment, le taux pour le maintien du niveau actuel des attaires tage les ressources financières disponibles d'après la valeur initiale, ce qui épuise davan-L'impot sur le revenu est toujours calcule engendrés par les bénéfices pendant l'exercice. Au total, ces besoins ont excédé les capitaux les prix inflationnistes des matières premières. bar l'accroissement du volume des ventes et recevoir et des stocks, augmentation suscitée pour absorber la valeur accrue des comptes à mentation massive de l'encaisse nécessaire

Ce plan représente le siège administratif de l'usine CIL qui est présentement en construction près de Calgary, en Mberta. Cette nouvelle usine de nitrate d'ammonium permettra de répondre aux besoins croissants de l'industrie minière de l'ouest du Canada et du nord-ouest des Etats-Unis.

Aux actionnaires

les secteurs des produits chimiques agricoles et industriels et dans celui des plastiques, secteurs d'activité qui ont bénéficié d'une production maximale et de prix de vente plus élevés. Dans les secteurs des peintures, des explosifs industriels et des munitions, la hausse rapide des coûts n'a pu être compensée romplètement par celle des prix de vente et les marges bénéficiaires, en termes de pourcentage par rapport aux ventes, s'en sont trouvées réduites.

Les traits dominants de cet exercice ont été le très haut degré d'inflation, le problème de l'énergie et la forte augmentation qui s'en est suivie dans les prix de bon nombre de matières premières. Personne ne semble d'accord sur premières.

Les ventes consolidées et le bénéfice net ont été en 1974 beaucoup plus élevés qu'au cours des exercices précédents. Les ventes consolidées se sont chiftrées à \$517.6 millions, ce qui représente une hausse de 35% par rapport à 1973. Le bénéfice net se chiffre à \$34.8 millions, soit \$3.54 par action ordinaire, comparativement à \$16 millions ou \$1.61 par action en 1973. Les dividendes pour 1974 s'élèvent à \$1.15 par action ordinaire, ce qui comprend à \$1.15 par action ordinaire, ce qui comprend un dividende spécial de 15 cents par action. Les dividendes de l'exercice précédent étaient de 85 cents par action.

Ces résultats illustrent bien la forte demande de produits et services de la CIL tout au long de l'exercice 1974. L'accroissement des ventes et des bénéfices s'est surtout manifesté dans

Direction

Conseil d'administration

Montréal, Québec Compagnie d'assurance-vie, Sun Life du Canada Président du Conseil d'administration, Alistair M. Campbell

Roger DeSerres Montréal, Québec Canadian Industries Limited, Vice-président,

Montréal, Québec Omer DeSerres Ltée, Président,

D. M. Coyle

Administrateur, W. B. M. Duncan, C.B.E.

ICI Americas Inc., Président du Conseil d'administration, Londres, Angleterre Imperial Chemical Industries Limited,

Wilmington, Delaware, E.-U.

Wilmington, Delaware, É.-U. ICI Americas Inc., Président-directeur général, E. J. Goett

Domicile: Toronto, Ontario Calgary, Alberta Home Oil Company Limited, Président du Conseil d'administration, A. G. S. Griffin

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Montréal, Québec Canadian Industries Limited, Vice-président, C. H. Hantho

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Canadian Industries Limited

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Montréal, Québec

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Montréal, Toronto, Vancouver

et de paiement de dividendes

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Montréal, Toronto, Winnipeg, Vancouver Compagnie Trust Royal,

Touche Ross & Cie Vérificateurs

A. G. S. Griffin Alistair M. Campbell - Président

		Ventes par secteur d'activité
299 ₽969	260 5411	Nombre d'actionnaires au 31 décembre Actions ordinaires Actions privilégiées
19.1 \$	43.6¢	Bénéfice par action ordinaire sans les postes extraordinaires Dividendes par action ordinaire

8

7.62

1973

191 764 6

26 134 000

107 259 000

15 952 000

32 875 000

\$383 589 000

1973

23 000

6

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1974

services

Autres produits

15

6.94

1973

191 467 6

000 869 49

116 588 000

34 842 000

99 202 000

\$217 586 000

746L

20 000

11

7.88

1974

pigments

Peintures

19

35

2.121

1973

53

151.6

1974

couvexes

senismob

Actions ordinaires en circulation au 31 décembre

Dépenses en immobilisations (y compris dépenses pour

l'acquisition de nouvelles filiales et

Bénéfice net sans les postes extraordinaires

des états financiers consolidés

Fonds de roulement au 31 décembre

Bénéfice avant provision pour impôts

Postes extraordinaires - Gain net

Ventes

Points saillants

compagnies associées)

Explosifs et

84

3.381

1973

19

6.432

7261

et industriels

Produits chimiques

agricoles

Ventes (en millions de dollars)

% des ventes totales

rapport annuel 1974







Limited

Saintsubni

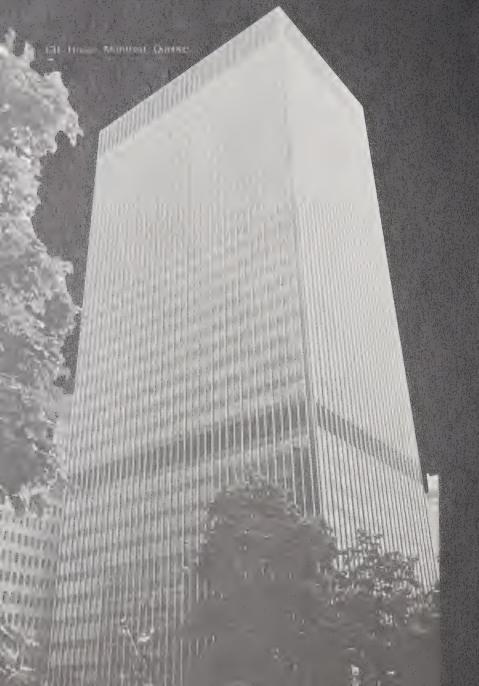
Canadian











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Sales and technical service offices

Substituary and associated compar	нe
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Legal deposit — third quarter 1974 Quebec National Library

Design by Murray Calder Printed in Canada by Page-Sangster Inc. Today, more than ever, our prosperity depends on three simple things — the goodness of the soil, the great stands of timber that straddle the land, the vast wealth that lies beneath its surface.

Canadian Industries Limited offers the tools to seek out, unlock and transform these resources — chemicals and their allied products, equipment, technology, service.

Together with its subsidiaries, CIL serves a full range of industries from mining, agriculture, construction and manufacturing to sports shops, dry cleaners, retail hardwares and garden centres.

Most of the company's 8,500 employees are scattered across Canada: others are in Britain, the U.S.A., Australia, Europe, Liberia and Jamaica, Many are located at manufacturing plants, at work with millions of dollars worth of machinery and equipment. Others are in laboratories, researching and developing new and better technology and products. Some are in departmental offices, supplying support services, planning, training and developing human resources. And then there are those on the road, selling the tools - chemicals, paints, plastics, explosives; marketing the technology; providing technical advice and service.

In 1973, the efforts of these individuals resulted in sales of more than \$383 million.

CIL recognizes that its primary concern must be to provide its shareholders with a satisfactory return on their investment. But as a leading corporate citizen, CIL accepts its social responsibilities as well. For example, the technology which the company developed to follow the stringent pollution abatement policy it established some time ago is now marketed to industrial and municipal customers who share CIL's concern for environmental improvement.

Thus CIL and its people accept a double responsibility: to work towards the betterment of the quality of life, and to play a major role, as they have for the past 112 years, in the economic development of the country.

British Columbia

Abbotsford ■ Ashcroft • Brenda • Coquitlam . Cranbrook .

Endako • Fording •

James Island Kamtoops △■ Kelowna ■ Kelsev Bav

Ladner Ladvsmith Nanaimo • Nelson △

New Westminster ■ Penticton ... Port Hardy • Port McNeil ■

Prince George △■ Stewart Surrey ■

Tappen . Terrace • Texada Island Vancouver △□■

Vanderhoof ■ Victoria

Alberta

Calgary △●■ Clover Bar . Edmonton A

Fort Saskatchewan Lethbridge

Red Deer

Saskatchewan

Moose Jaw ■ Prince Albert Regina △■ Saskatoon Swift Current

Manitoba

Brainerd • Brandon Thompson △●■ Pipe Lake

Winnipeg △□■

Ontario

Alliston Beamsville ■ Belleville ■ Belmont ■ Brampton ◊●■ Bridgeport . Bruce Lake Brussels • Burlington Carlisle . Chatham △●■

Clinton ■ Collingwood • Concord • Copper Cliff •

Cornwall . Courtright • Essex • Etobicoke Glencoe ■ Hamilton ■

Hensall Ingersoll△●■ Kemptville • Kingsville = Kingston

Kirkland Lake △ Kitchener Learnington London △■ Marmora •

Mississauga Mitchell . Mount Bridges ■

Niagara Falls △ Niagara-on-the-Lake

Nobel • North Bay Norwich • Oakville Orillia . Ottawa 🛆 🔳 Petrolia • Port Stanley Sarnia

Scotland • Shelburne ■ Simcoe ■ Smithville ■ Stavner St. Catharines Streetsville Sudbury △●■

Tara • Temagami • Thamesville • Thunder Bay △■ Tillsonburg ■ Timmins △●■

Toronto ◊△□□●●■ Tupperville • Wilsonville

Windsor ■

Quebec

Récançour • Bedford ■ Beloeil ●■ Brownsburg • Buckingham Farnham Franklin Centre

Hull . Laval des Rapides Lachine △□

La Flèche ■ Lennoxville •

McMasterville △♦♦●■

Moisie • Montréal O△□●●■ Murdochville • Mt. Wright Nicolet ■ St. Eustache

St. Hilaire St. Hvacinthe St. Pie

St. Rémi de Napierville St. Thomas de Joliette

Ste. Foy △■ Sept-Hes △ • Shawinigan • Thetford • Thetford Mines △● Trois-Rivières Tracy

Val D'Or △ Vallevfield • Victoriaville • Ville Mercier New Brunswick

Bathurst Dalhousie • Fredericton △ Grand Falls ●■ Hartland ●■ Moncton ■ Woodstock

Nova Scotia

Halifax △□■ Kentville ■ Truro •

Prince Edward Island

Charlottetown Montague O'Leary • Summerside • ■ Traveller's Rest Winsloe ■

Newfoundland and Labrador

> Baie Verte Carol Lake Grand Falls △ Labrador City • St. John's A Wabush •

Yukon Faro • Africa

Liberia **•** Australia Adelaide . Perth

Svdnev ■

Brazil

Rio de Janeiro

Ireland Navan

Jamaica Kingston

Mexico Tijuana =

Philippines Manila ■

United States Plattsburgh, N.Y.

Watertown, N.Y. Tucson, Arizona

Legend

Ohead office

♦ research and technical laboratories

△ sales and technical centres □ warehouses

plant sites

■ subsidiary locations



Industrial Chemicals

CIL's Industrial Chemicals Division serves a large number of primary and secondary industries across Canada.

Its most important products are chlorine, used primarily in the pulp and paper industry, municipal drinking water treatment, sewage treatment and industrial pollution control; caustic soda, which has application in the pulp and paper industry and in the manufacture of detergents, cleaning compounds and chemicals; and sulphuric acid which finds its major outlet in the production of fertilizer but is also essential in mining and metal refining, gasoline production and a variety of other industries.

Chlorine and caustic soda are produced at three chloralkali plants located in eastern Canada at Dalhousie, N.B., Shawinigan, Que., and Cornwall, Ont. These chemicals and a related product, sodium chlorate, are produced by Canso Chemicals Limited in Abercrombie, N.S. Another associate company of CIL, Tidal Chemicals Limited, produces only sodium chlorate at Saint John, N.B.

Late in 1972 the Division announced construction of another chloralkali plant in Bécancour, Que., with completion scheduled for the spring of 1975. When in full operation, the plant will produce 140,000 tons of chlorine, 165,000 tons of caustic soda and 4,000 tons of hydrogen per year making it the largest of CIL's chloralkali operations. When announced, the \$30 million project represented CIL's largest new investment since 1967. It incorporates the latest method technology and pollution abatement features.

The Division's Copper Cliff, Ont. works, established in 1930 to produce sulphuric acid, is being expanded. The \$4 million project will increase production capacity, already the largest in Canada, by 150,000 tons to almost one million tons annually. In addition to three acid plants, the site also includes the world's largest sulphur dioxide plant.

With the recent acquisition of Inland Chemicals Ltd. which operates sulphuric acid and aluminum sulphate plants at Fort Saskatchewan, Alta., and Prince George, B.C., the Division now has a significant manufacturing base and an enhanced distribution network for these and related products in Western Canada.

In 1973, the Division applied its innovative abilities to construction of a plant for the manufacture of copper sulphate in the Yukon Territory to supply the requirements of an adjacent mining operation.

Liquid xanthates, another Industrial Chemicals Division family of products, were developed by CIL research to replace dry xanthates traditionally used in the ore processing industry. Xanthates are produced at three locations — Copper Cliff, Ont., Thompson, Man., and Edmonton, Alta.

Since the Division's main products are inorganic chemicals which are comparatively low priced at their point of origin, transportation costs are an important element in determining customer product cost. In order to keep these to a minimum, the Division has developed efficient economical transportation methods. CIL pioneered the unit-train concept by which single products like sulphuric acid

are transported in trains of tank cars directly from the plant to central depots for immediate transfer to large storage facilities. Unit trains now comprise as many as 56 tanks cars of a particular chemical.

Scheduled chlorine delivery service is another innovative distribution method developed by the Division: cylinders of chlorine are delivered by trucks operating on a regular schedule in much the same way as that used to supply heating oil to homes, ensuring an efficient interchange of empty and filled containers.

The largest chlorine containers weigh 3400 pounds (gross) when filled, and travel on specially-designed flatbed trucks called chlorinemobiles. These trucks are equipped with their own cranes for easy loading and unloading of the giant cylinders.

Research is carried out by the Division at the CIL Chemicals Research Laboratory located in McMasterville, near Montreal, Que. CRL also provides specialized laboratory services to the company's other operating Divisions.

The Industrial Chemicals Division is responsible for a number of services and products in addition to those it manufactures. The Division's ICI Products Group

distributes some of Imperial Chemical Industries Limited's products including dyestuffs used in the production of textiles and paper, and other chemicals used in the manufacture of rubber, plastics and urethane foam.

Not only products and services but also skills and technology are marketed by the Division through a subsidiary company, Chemetics International Ltd., which sells plants, processes and pollution abatement technology and equipment in Canada and abroad. More detail on these activities is given in the section on CIL's Subsidiary and Associated Companies.



Agricultural Chemicals

CIL has supplied Eastern Canada and the Northern U.S.A. with agricultural chemicals for more than 60 years.

The Agricultural Chemicals Division manufactures a wide range of liquid and dry fertilizer products for farmers and an advanced line of lawn and garden supplies for the home gardener.

Head office of the Division is located in London, Ont., the centre of its marketing area and close to its major manufacturing facilities at Courtright, near Sarnia, Ont. Another plant is located in McMasterville, Que., near Montreal.

At the Sarnia site, which is known as Lambton Works, is one of Canada's largest anhydrous ammonia plants as well as a series of ancillary fertilizer production units. A recently announced



\$500,000 expansion program involving the complex's ammonium nitrate plant has increased production of this product to approximately 150,000 tons annually.

The Division produces fertilizer components including anhydrous ammonia, urea, nitrogen solutions, ammonium nitrate, ammonium phosphates and compound fertilizers. These are sold in bulk, are packaged, or are custom blended at farm service centres to meet the particular needs of individual customers. Some 50 farm service centres are located throughout eastern Canada and are commonly called Agromart® centres in Ontario and the Maritimes and Agrocentre® centres in Quebec.

The Division's diversified lawn and garden product line as well as its farm fertilizers are backed up by an extensive service program. Agromart® locations provide technical advice such as soil testing services as well as a number of non-fertilizer supplies to the agricultural industry. John Bradshaw and Paul Pouliot, well-known gardening authorities, in conjunction with the Division's retail distributors, supply advice to the home gardener about CIL's complete lawn and garden product line.

Complementing the Division's operations and services are those of a wholly-owned subsidiary company, Chipman Chemicals Limited, whose herbicides, pesticides and fungicides are sold across Canada. The activities, growth and expansion of this company are described in the section Subsidiary and Associated Companies.

Ammunition



The head office and major manufacturing facilities of CIL's Ammunition Division, the principal manufacturer and supplier of sporting ammunition in Canada, are located in Brownsburg, Que.

Besides producing a complete range of shotshells and centre fire and rim fire ammunition, the Division manufactures such related products as detonators, initiating explosives, railway track signals and safety flares for road and general use.

Sporting arms, manufactured for CIL to the company's specifications by firearm makers in Western Europe, Brazil and the U.S. complete the Division's product line.

Ammunition and sporting arms are marketed across Canada through five Canadian sales offices. The U.S.A. is supplied by a wholly-owned manufacturing and distribution subsidiary, C-I-L Ammunition Inc., located near Plattsburgh, N.Y. Export markets for the Division's products include such countries as the United Kingdom, New Zealand and Australia, and several Western Europe and South American countries for which C-I-L International, located in Kingston, Jamaica, serves as distributor.

The great bulk of sales are for recreation hunting and shooting and the Division encourages an interest in shotgun, rifle and pistol target shooting through proficiency awards.

A continuous technical research effort also carried out at Brownsburg, Que. has ensured top quality products for the Canadian sportsman for more than 80 years.

Explosives

For over a century CIL and its predecessor companies have been involved in virtually every major construction operation in Canada — from the building of the transcontinental railway systems during the late 1800's to current ongoing projects such as the looping of the Trans-Canada Gas Pipeline and the Mont Wright iron ore project. Today CIL explosives, distributed through a subsidiary company, C-I-L International Limited, are also being used in projects outside of Canada, such as the \$140 million Chivor hydro-electric project in Colombia, South America.

The Explosives Division has five major manufacturing facilities at James Island, B.C., Calgary, Alta., Nobel, Ont... Valleyfield and McMasterville, Que, In addition to producing all types of commercial explosives, these sites supply raw materials to a growing number of onsite satellite plants which manufacture blasting agents at major consuming points, resulting in lower costs and improved service to customers through bulk delivery systems. At the present time, 23 plants of this type are located on, or adjacent to, customer mining sites across the country, from Faro in the Yukon to Labrador City, Labrador.

An extensive sales and technical service organization with 25 offices and 15 magazines advises buyers of commercial explosives and blasting accessories on upto-date techniques and equipment. In addition the Division publishes a wide range of informative literature including the "Blaster's Handbook" which is found on the shelves of explosives users throughout the world.

The Division's intensive research program carried out at the Explosives Research Laboratory in McMasterville, Que. has contributed much to the development of modern explosives.

In 1958, CIL introduced the first ammonium nitrate-based "slurry" explosive sensitized by TNT, which offered excellent water resistance, and was more sensitive than previous non water-resistant ammonium nitrate-based products. However this explosive was still not sensitive enough for underground applications and most construction work.

In 1971, CIL research developed and began to market a new family of aluminum-sensitized slurry explosives. The "safe" explosives are insensitive to initiation by rifle bullet, less toxic and safer for transportation, storage and handling than conventional dynamite-based alternatives and are sensitive enough for any application, including underground mining and construction work,

Another major breakthrough in explosives process technology was made in 1973 when CIL discovered a new type of

organic sensitizer, This sensitizer has certain production advantages over the aluminum one and will be supplied to the Division's manufacturing facilities from a plant now under construction on the McMasterville Works site.

Complementing the Division's products are those of a subsidiary company, Canadian Safety Fuse Company Limited which makes safety fuse, detonating cords and other blasting accessories. Another subsidiary company, West African Explosives and Chemicals Limited manufactures products similar to those of the Division for use in large open pit mines in West Africa. The operations of these companies, and of Continental Explosives Limited, Jarvis Clark Company Limited

and McPhar Geophysics Limited, other subsidiaries whose services relate to the explosives business, are fully described in the section Subsidiary and Associated Companies.

Photo at left was taken at quarry site where millions of pounds of CIL explosives are being used in the \$140 million Chivor hydro-electric project in Columbia, South America.



Plastics

CIL's Plastics Division sells its products from coast to coast across Canada, maintaining a strong marketing research and technical team.

Manufacturing facilities at Edmonton, Alta. and Brampton, Ont. supply polyethylene resin and film for industrial, agricultural and construction purposes. The Edmonton plant, although operating at capacity level, cannot meet the current demand for polyethylene resin and the company is actively considering plans for a major resin expansion in Alberta. Meanwhile a concerted effort is being made to secure additional quantities of resin to augment the production at Edmonton.

The Edmonton plant was Canada's first producer of polyethylene resin when it opened in 1953. It now produces more than 65 million pounds of polyethylene resin per year and in this fully integrated operation, part of the resin production is converted into industrial film products. The site has the largest capacity extrusion line in Canada, and manufactures film up to 40 feet wide.

Brampton, Ont. in addition to being a film production site, is the home of the Plastics Technical Centre which provides technical service to customers and develops new processes and products.

Resins are supplied by CIL to other plastics processors for the manufacture of film and converted products including paper coatings, cable insulation, and molded consumer products such as toys, housewares and food containers. A number of unique grades of polyethylene have been developed for trans-Atlantic and other telephone cable applications, and for pipe-line transmission of Western Canadian natural gas.

CIL supplies the construction industry with polyethylene film for a variety of purposes from vapour insulators and underlays in road construction and pavement to dropsheets for painting and even shelters on winter construction sites. Film is also used in the agricultural field as haystack covers, crop covers, silo liners and caps, pond and trench liners and greenhouse construction material.

The Plastics Division also markets its film complete with packaging equipment. Shrink bundling of consumer goods eliminates bulky cardboard packages, and large loads of packaged goods are efficiently handled and protected during transport when pallets are wrapped in polyethylene film.

A recent packaging innovation resulting from the Division's research was the development of heavy duty polyethylene shipping sacks. These Milpac® multi-ply valve bags combine strength — enough to package such products as cement, fertilizer and salt — with weather protection,

In addition to its own products, the Plastics Division markets a number of resale items from Imperial Chemicals Industries Limited. These include Perspex ® acrylic sheet which is used mainly in the fabrication of signs; Diakon® acrylic molding resins used to make automobile headlights, and Propafilm® polypropylene food packaging film.



Paints

CIL Paints Division provides a diversified product line for the individual consumer, for decorators and architects and also for automotive, industrial and refinish customers. Together with its subsidiary, Bapco Paint Ltd., the Division has the largest and most complete paints operations in Canada.

Besides the various paints and finishes sold in approximately 900 colors under the CIL and B-H labels in retail outlets across Canada, the Division and Bapco sell products for such manufactured goods as household appliances, ships, farm equipment, furniture, automobiles, metal containers, and even flexible packaging. These products range from cleaners, strippers, putties, and primers to varnishes, sealers, stains, paints and inks.

Brandram-Henderson (West Indies) Limited, a CIL subsidiary with headquarters in Kingston, Jamaica, supplies a similar product range to Caribbean markets.

Canadian manufacturing facilities consist of Vaughan Centre, a decorative paints plant near Toronto which came on stream in late 1970; York Works, also located in Toronto which manufactures automotive, refinish and industrial products, and has facilities for packaging some of the Division's products in convenient aerosol form; and Montreal, headquarters of the Division's Quebec operations. which manufactures decorative paints products. Bapco Paint Ltd., a subsidiary company providing Western Canada with a complete range of paints products sold under the Bapco and Stephens labels, has recently transferred its facilities from Victoria, B.C. to a new \$1.7 million consolidated plant and warehouse located in Surrey County near Vancouver, B.C. This new centre has ensured CIL of continued leadership in serving the western Canadian paints market.

Product testing and technical assistance to customers is supplied at each of the Division's manufacturing sites, and CIL retail outlets are equipped to provide decorating assistance to the consumer. An extensive research program is carried out at the Paints Research Laboratory located adjacent to the York Works site in Toronto.

Besides paint coatings of all types, CIL Paints Division markets Vymura® vinyl wallcoverings from Imperial Chemical Industries Limited, and ancillary products such as plastic wood, brush cleaners, household cement, and paint and varnish remover.



Environmental Improvement Business Area

Over a period of many years of dealing with its own pollution problems (see page 25), CIL has developed considerable expertise and technology in the environmental field and, in 1972, the company decided that this capability was marketable. In order to provide a broad and comprehensive environmental improvement service, it also acquired an interest in a number of companies, each of which is engaged in a specific area of expertise complementary to that of CIL and its existing subsidiaries.

The CIL Environmental Improvement Business Area (EIBA) was then organized as a development and coordination group responsible for the company's interests in this field. In addition to CIL's own skills, these interests include the activities of Tricil Waste Management Limited and Eco-Research Ltd. Chemetics International Ltd., although not directly part of EIBA, provides a strong back up to EIBA units especially for large pro-

jects. (For particular anti-pollution expertise of these companies, see the section on Subsidiary and Associated Companies.)

EIBA also strengthened its interests in the municipal environment engineering field through its association with J.D. Lee Engineering Limited, a consulting firm with offices in Kingston and Brantford, Ont.

In addition, EIBA markets Flocor®, a biological filtration system which was developed by the research of Imperial Chemical Industries Limited, CIL's parent company.

Considerable progress has been made in developing CIL's competence to meet the growing challenges of the environmental improvement field since EIBA was established two years ago, and through it, CIL's capabilities in this field will be further extended and strengthened in the future.





Subsidiary and Associated Companies

In addition to CIL's six operating Divisions and many service departments, there are a number of subsidiary and associated companies which contribute significantly to the total capability of the CIL family. Some of these are long-established ancillary companies, such as Canadian Safety Fuse Company Limited and Alchem Limited, many of whose operations complement the regular business of the various Divisions. Others represent newer ventures broadening the company's scope into other industrial fields. Examples of the latter are McPhar Geophysics Limited and Tricil Waste Management Limited.

Principal subsidiary and associated companies are the following:

Chemetics International Ltd.

Vancouver, British Columbia
Chemetics International Ltd. a whollyowned subsidiary of CIL, serving primarily the pulp and paper and chemical
industries, was formed in 1967 by the
amalgamation of three companies —
Chemech Engineering Ltd., Chemetics Limited and Chemech Pollution Abatement
Systems Ltd. Based in Vancouver, B.C.,
Chemetics operates in four major areas:

Chemical plants and services — Chemetics provides electro-chemical plants to produce chloralkali, sodium chlorate, and chlorine dioxide for pulp and paper bleaching. Services include feasibility studies, engineering and design, detailed engineering, construction, equipment supply, plant start-up, operator training and plant management.

McPhar Geophysics Limited: demonstrating McPhar equipment to geophysicist in India.

Chemetics International Ltd.: sod-turning ceremony near Sarejevo, Yugoslavia marking the beginning of construction of a \$40 million chemical complex to be built by Yugoslavia and Chemetics International Ltd.



- Chemical processing equipment The company markets, builds and installs an important new type of heat exchanger, developed by CIL, for use in the manufacture of sulphuric acid. These stainless steel tube and shell coolers have been sold around the world in recent years. Extensive further research has resulted in the introduction of stainless steel air coolers also which are now beginning to have an equally important impact for certain chemical industry applications.
- Oxygen bleaching systems Chemetics has exclusive rights in North America for the sale of unique oxygen bleaching processes developed jointly for the pulp and paper industry by CIL

- and Mo och Domsjo AB of Sweden. The company will construct an entire bleach plant, as it did for the Chesapeake Corporation, West Point, Virginia, or it will modify existing plants to incorporate an oxygen stage.
- Pollution abatement services Utilizing the extensive research facilities and technology of CIL and of Imperial Chemical Industries, CIL's parent company, Chemetics supplies professional services to the pulp and paper industry covering all aspects of air and water improvement.

McPhar Geophysics Limited Don Mills, Ontario

McPhar Geophysics is an international firm offering a wide range of mineral exploration services to the mining industry and to governments. CIL acquired McPhar as a subsidiary in 1970.

McPhar's approach to mineral resource identification and development is multidisciplined, involving geophysical, geochemical and geological techniques. In addition to being a major consultant and contractor in airborne and ground geophysics activity, McPhar manufactures exploration equipment and provides for its customers a complete personnel training program in the operation of the geophysical equipment.



From its offices in Toronto, Ont.; Vancouver, B.C.; Tucson, Arizona; Tijuana, Mexico; Adelaide, Perth and Sydney, Australia; Rio de Janeiro, Brazil; and Manila, Philippines, McPhar provides services on all continents. Head office of the company is located in Don Mills, Ont.

Tricil Waste Management Limited Etobicoke, Ontario

This company was formed in late 1973 through the merger of CIL's subsidiary, the Goodfellow Group of Companies and Dominion Waste Management Group Limited, a subsidiary of Trimac Limited of Calgary.

Tricil offers a total systems approach to the collection, transportation and disposal of solid and liquid wastes from municipal, commercial, institutional and industrial sources. It also provides a capability for the recovery and recycling of values from both solid and liquid wastes.

Solid waste collection and disposal is carried out at Ottawa, Kingston, Belleville and St. Catharines, Ont., Edmonton and Calgary, Alta., and Regina, Sask., and also at Watertown, N.Y., U.S.A. Liquid waste disposal plants are located at Sarnia and Mississauga, Ont. and Ville Mercier, near Montreal, Que.

Eco-Research Ltd. Pointe Claire, Quebec

CIL acquired a half interest in this company in 1972 to augment its pollution abatement service to industry.

Eco-Research provides a multi-disciplined testing and consulting service for environmental quality assessment. These services include on-site monitoring of air and water effluents, physical, chemical, biological and microbiological analyses, and studies of the effects of industrial effluents on the environment. Research studies into the life sciences and biological surveys are also undertaken by the company.

Eco-Research has its head office in Pointe Claire, Que. and another sales office in Downsview, Ont.

Canso Chemicals Limited

Abercrombie Point, Nova Scotia
Jointly owned by CIL subsidiary Chemetics International Ltd., by Scott Maritimes Pulp Company and by Nova Scotia
Forest Products Limited, Canso Chemicals produces chlorine, caustic soda and sodium chlorate for the pulp and paper industry. The company was formed in 1968 and its plant at Abercrombie Point, N.S., went into production in 1970.

Tidal Chemicals Limited

Saint John, New Brunswick
This associated company, jointly owned by Chemetics International Ltd., a CIL subsidiary and by Irving Pulp and Paper Company Limited, produces sodium, chlorate for the pulp and paper industry. Its plant, in Saint John, N.B., has been in production since early 1971.

Cornwall Chemicals Limited Montreal, Quebec

This associated company, owned jointly with Stauffer Chemical Company, is managed and operated by CIL.

Adjacent to CIL's industrial chemicals plant at Cornwall, Ont., the company produces carbon disulphide, carbon tetrachloride and sodium hydrosulphide which are sold as raw materials for the manufacture of rayon, pesticides, xanthates, aerosols and refrigerants. They are also used in metallurgical separation processes, and in wood pulping.

In 1973 Cornwall Chemicals opened a sulphur grinding plant on the site of CIL's explosives works, at Calgary, Alta. This plant grinds sulphur extracted from Alberta natural gas into various grades for use in the rubber, plastics and explosives industries in Canada and for export markets throughout the world.

Head office of Cornwall Chemicals Limited is located in Montreal.

Inland Chemicals Limited

Fort Saskatchewan, Alberta
Acquired by CIL in late 1973, Inland
manufactures sulphuric acid and aluminum
sulphate at plants located in Fort Saskatchewan, Alta. and Prince George, B.C.
The acquisition of Inland provides the
Industrial Chemicals Division with western-based production facilities and an
improved distribution network.

Inland Chemicals' products are used in the four principal industries of Western Canada: pulp and paper; fertilizer; mining and gas processing.

Alchem Chemicals Limited Burlington, Ontario

Alchem Limited, which became a CIL subsidiary in 1936, provides problem-solving chemicals to a wide range of maior resource industries.

Along with consulting, surveillance and analytical services, the company manufactures and distributes some four hundred products for industrial and municipal uses in water treatment, water management and pollution control, petroleum production and refining, pulp and paper manufacture, mining, iron and steel industries, ion exchange resins and combustion chemicals to improve fuel utilization.

The company operates plants at Burlington, Ont., and Edmonton, Alta., and has district offices and representatives in 20 cities across Canada. Head office is located in Burlington, Ont.

Agromart ® / Agrocentre ®

In 1968, CIL's Agricultural Chemicals Division introduced a then unique marketing program. The company established a chain of farm input and service centres known in Quebec as Agrocentre® and in the rest of Eastern Canada as Agromart® farm service centres.

Agromart® / Agrocentre® service centres carry a varied range of products for the farmer — from barn paint, polyethylene film for greenhouses and twine to animal feeds, pesticides and custom-blended fertilizers. In addition,

they supply technical advice to farmers as well as other services, such as soil testing.

Across Quebec and the Maritimes, there is now a network of 51 farm service centres: 23 are wholly-owned by CIL, others are joint ventures with local operators, and some are franchises.

Chipman Chemicals Limited Stoney Creek, Ontario

Chipman Chemicals has been associated with CIL since 1955, and became a wholly-owned subsidiary in 1964. Its products complement those of CIL's Agricultural Chemicals Division and are sold from coast to coast across Canada.

In 1973, Chipman relocated its main manufacturing facilities from Hamilton, Ont., to a new \$1.2 million plant in Stoney Creek, Saltfleet Township, near Hamilton, Ont.

At the new site is one of the largest multi-product pesticide plants in Canada where insecticides, fungicides and seed treatments are formulated in both liquid and powder form. Two laboratories service the plant — one for product evaluation and development, another for quality control. In addition, Chipman has plants at Buckingham, Que., and Moose Jaw, Sask., where herbicides are manufactured.

Chipman's expertise in the pesticide field has pioneered the development and introduction of a wide variety of pesticides and has brought many advances in pesticide and herbicide technology to Canadian agriculture and industry.

In addition to supplying its products in quantity for use by the agricultural industry, Chipman has a line of garden products for the homeowner.

Jarvis Clark Company Limited North Bay, Ontario

This subsidiary company, acquired by CIL in 1970, is Canada's leading supplier of underground mobile equipment for the mining and construction industries.



Jarvis Clark Company Limited: Jarvis Clark paramatic Jumbo being prepared to drill in a nickel mine in Sudbury, Ont.

Jarvis Clark's head office is located at North Bay, Ont., as are its manufacturing facilities which were recently expanded at a cost of \$1 million. The company has warehouses in Sudbury and Timmins, Ont.: Thompson, Man.; Vancouver, B.C.; Bathurst, N.B.; and Navan, Ireland.

In addition to manufacturing dump trucks, personnel carriers, drill jumbos and designing, building and testing other specialized mining equipment, the company is exclusive distributor in Canada for the major product lines of other mining equipment manufacturers.

Jarvis Clark also maintains complete overhaul and repair facilities for its equipment and supplies technical service to its customers.

Canadian Freehold Properties Ltd.
Vancouver, British Columbia
This subsidiary was initially established by CIL in 1969 to develop the company's surplus land holdings and was formerly known as C-I-L Properties Ltd. The company now acts across the country

functioning real estate development firm.

from Halifax to Victoria as a fully

The company concentrates on the development of commercial properties in prime locations and is currently involved in developing offices and warehouses at Halifax, N.S. and Moncton, N.B.; a shopping centre in Shawinigan, Que.; industrial estates near Hamilton, Ont. and in Edmonton, Alta.; offices, warehouses, high density housing and a large housing subdivision in Vancouver, B.C.; and a major hotel-apartment complex in Victoria, B.C.

In 1973, Chemetics House was built by Canadian Freehold Properties in a central Vancouver location for occupation by Chemetics International Ltd. During 1974, CIL will establish its Ontario headquarters in a new office building in Toronto and its Atlantic sales office and distribution centre in new facilities at Halifax. Both projects are also developments of Canadian Freehold Properties.



Canadian Freehold Properties Ltd.: architect's sketch of the nine story office building which will house CIL's Toronto offices in early 1975.

Canadian Hanson Limited

Etobicoke, Ontario
Canada's leading supplier to the metal
finishing industries across the country,
this company produces a complete line
of electroplating supplies and equipment
at its plant in Etobicoke, Ont. In 1973,
the company expanded its product lines
through the purchase of the Buffing
Compound Division of M & T Products
of Canada Limited.

In the field of pollution abatement, it offers equipment and services for the treatment of wastes resulting from electroplating and other metal finishing and fabricating operations.

The company also manufactures foundry facings and sells these, along with resale foundry supplies and equipment to casting industries.

The construction industry is served by the company through a line of building products oriented towards the saving of energy and the replacement of traditional building materials by new technology.

For the industrial market, the company manufactures a line of wire wheels, brushes and specialty transformers.

Recently, Canadian Hanson diversified its interests further by becoming a distributor for Volstatic electrostatic powder coating spray equipment.

Engineering, technical advice and research are supplied to Canadian Hanson's customers from the company's head office in Etobicoke, Ont. Sales offices are located in 11 cities across Canada.

Bapco Paint Ltd.

Multi-Chem Products Limited
Stephens Paints

Surrey, British Columbia

These subsidiary companies have recently relocated to a new \$1.7 million plant and distribution centre in Surrey, B.C. near Vancouver. Operations at the former Victoria, B.C. site were phased out during 1973 and this property is now being redeveloped by another CIL subsidiary, Canadian Freehold Properties Ltd.

Bapco and Stephens provide Western Canada with a complete line of retail paints, varnishes and enamels, and in addition manufacture marine paints, specialized industrial finishes and anti-corrosive coatings. Multi-Chem Products sell polyester resins, gelcoats and color pastes for the marine and industrial trades.

Color advisory and technical services are available at all branch locations and 22 decorative idea centres cater to retail customers and the painter / contractor trade across Western Canada.

Brandram-Henderson (West Indies) Limited Kingston, Jamaica

CIL purchased Brandram Henderson Limited in 1960 and since that time B-H's Canadian operations have merged with those of CIL's paints division. In 1960, what is now called Brandram-Henderson (West Indies) Limited was only a warehousing and distribution centre for B-H paints, produced in Canada. Now a wholly-owned subsidiary headquartered in Kingston, Jamaica, the company manufactures a wide range of industrial and decorative paints products and distributes them to markets throughout the Caribbean.

Continental Explosives Limited Vancouver, British Columbia

Continental Explosives Limited is a wholly-owned subsidiary which distributes explosives and accessories manufactured or handled by CIL.

From eight branch locations in Western Canada, CEL supplies commercial explosives, mining instrumentation, drilling supplies and other accessories to the logging, construction and mining industry locations scattered throughout the coastal and north central areas of B.C.

CEL's complete delivery system includes a fleet of 22 trucks, which service the firm's 75 odd permanent and mobile explosives magazines, and one ship which transports loads of explosives from CIL's James Island plant to magazine depots at Ladysmith, Blubber Bay, Port McNeill, Terrace, Stewart and Kelsey Bay.

C-I-L Ammunition Inc.

Plattsburgh, N.Y.

This subsidiary company has operated an assembly plant for CIL sporting ammunition in Plattsburgh, N.Y. since 1966. It distributes these products to markets throughout the United States.

Canadian Safety Fuse Company Limited Brownsburg, Quebec

Plants at Brownsburg, Que., and at Tappen, B.C., manufacture and supply the mining and construction industries across Canada with detonating cord, safety fuse and blasting accessories.

West African Explosives and Chemicals Limited

Harbel, Liberia

This subsidiary company which started production at its Harbel, Liberia site in 1964, produces slurry explosives and blasting agents which are used in open pit iron ore mines in Liberia, Mauritania and other West African countries. In addition, the company manufactures sporting ammunition for the West African market.

West African Explosives and Chemicals also stocks a full range of nitroglycerine-based explosives and blasting accessories,

In 1973, CIL increased the shareholding by Liberian citizens in West African Explosives and Chemicals to 40%.

C-I-L International Limited

Kingston, Jamaica

This subsidiary company was established in 1962 in Kingston, Jamaica, to intensify CIL's business in export marketing.

The company serves a wide territory which includes South America, Central America, the Caribbean, Europe, Africa and Australasia.

The greatest volume of goods is shipped to countries in South America, Central America and Africa.

Explosives and ammunition products top the sales list and purchasers range from large mining operations to small shop-owners,

International connections

Canadian Industries Limited is an associate of Imperial Chemical Industries Limited of Britain which holds a majority of CIL's shares. Relations between the two companies date back to 1899 when Nobel's Explosives Limited, of Glasgow, which became part of ICI in 1926, acquired an interest in the Hamilton Powder Company, CIL's oldest corporate ancestor.

ICI is one of the largest chemical organizations in the world with a great many diverse interests in Britain and abroad. Its world-wide annual sales revenues in 1973 totalled 2,166 million pounds sterling and its businesses include agricultural chemicals, dyestuffs, organic and inorganic chemicals, explosives, paints, wall coverings, pharmaceuticals, plastics, fibres and metals. The company has more than 100 plants in Britain and more than 200 subsidiary and associated companies throughout the world.

ICI and its subsidiaries have 132,000 employees in Britain alone. In other parts of the world there are 67,000, nearly all of them nationals of the countries concerned. There is a considerable interchange of staff, particularly scientific and managerial, between the various parts of this industrial family.

North America is represented in the ICI group of companies by CIL in Canada and ICI United States Inc. in the U.S.A.

ICI United States Inc., formerly ICI America Inc., which expanded in 1972 as a result of a merger with the former Atlas Chemicals Industries Inc., is approximately two thirds the size of CIL in terms of sales. Its principal products are polyester, film, pharmaceuticals, industrial and speciality chemicals and dyestuffs.

An important advantage of CIL's connection with the ICI group of companies is that CIL has full access to ICI's technical knowledge and support in bringing new products and technology to Canada.

Principal Markets

Primary industry	
Mining	Explosives, blasting agents and accessories, chemicals, specialized mining equipment
Agriculture	Fertilizers, pesticides, feeds, polyethylene film and shipping sacks
Pulp and paper	Process chemicals such as chlorine and caustic soda, pollution abatement processes and equipment, pulp bleaching processes incorporating oxygen bleaching
Construction	Explosives and blasting agents, paints, polyethylene film, urethane insulation
Secondary industry	
Chemicals	Industrial chemicals including ammonia, sulphuric acid, chlorine and caustic soda
Retail hardware and sporting	Sporting arms and ammunition, retail paints, enamels and wood finishes
Metal processing	Plating processes and chemicals, paints, enamels and other finishes, process chemicals
Rubber and plastics	Resins and compounds — polyethylene, polyvinylchloride, polypropylene; industrial film, sheet and tube
Export	
Other (adhesives, aircraft, automotive, drycleaning, electrical, food and beverage, furniture, packaging, petroleum, pharmaceuticals, railway, shipbuilding, soaps and cleaners, textiles)	The products and services of each of CIL's divisions, subsidiaries and associated companies.



For a more complete listing, please consult the Products / Services Directory available from CIL's Public Relations Department.

Research

The industrial research capability of Canadian Industries Limited is one of the largest in Canada.

The company's principal general facility is the CIL Chemicals Research Laboratory located in McMasterville, near Montreal, Que. In addition to providing services and developing and supporting the strategies of the Industrial Chemicals Division, its subsidiaries and CIL's Environmental Improvement Business Area, CRL provides research and specialized laboratory services to the company's other divisions and subsidiary companies,

At the CIL Explosives Research Laboratory which is adjacent to CRL, the Explosives Division maintains a continuous program of product development and improvement of existing explosives and methods. The recent discovery of a new type of organic sensitizer for slurry explosives, a major breakthrough in explosives technology, is one outstanding result of the company's explosives research capability.

In addition to these facilities, CIL operates a large paints research laboratory at York, in Toronto; an ammunition development laboratory in Brownsburg, Que.; a plastics technical centre at

Brampton, Ont. and additional polyethylene development facilities at Edmonton, Alta.

Through CIL's membership in the world wide Imperial Chemical Industries Limited family of companies, it also has access to the research facilities of one of the world's greatest chemical organizations.

In recent years, the research effort of CIL has been directed towards the thrust of the company into new business areas. Major emphasis is given to the development of new processes and in the application of the company's technology for industrial customers, especially in the resource industries.

In the mining industry, CIL has developed a low cost process for the manufacture of xanthate chemicals for ore concentration to facilitate on-site production at mines. In the pulp and paper industry, a successful new process for the bleaching of wood pulp with oxygen has been developed by CIL in conjunction with a Swedish company. Recent achievements also include pollution control and abatement processes for pulp mills and for mercury cell chloralkali plants.



Explosives Research Laboratory, McMasterville, Quebec,

Pollution abatement

CIL has long recognized its responsibilities towards protecting the quality of our environment.

Since 1967, the company exclusive of its subsidiaries, has invested close to \$5.1 million in pollution control measures at its manufacturing locations. This investment has paid for process modification to suppress emissions, adjustment to operating equipment to improve efficiency, and treatment processes to remove pollutants. Overall, CIL is confident that it has indentified its problems, solved most of them and, more significantly, that it knows what needs to be done to handle those few that remain.

In new plant construction, CIL has given a great deal of consideration to reducing the possibility of environmental damage by integrating pollution control measures in the original design specifications. An example is CIL's \$40 million chloralkali plant in Bécancour, Que., which promises to be one of the cleanest of its type as a result of new and effective pollution control technology. And with the increasing expansion of many CIL locations, the best practical pollution abatement technology has been incorporated into the expanded facilities.

However, no matter how carefully industrial plants are designed and operated to prevent pollution of the environment, accidents sometimes occur. To guard against this possibility, vigilance is essential at all levels in manufacturing processes. At CIL this entails various technical control and detection devices and also regular and thorough inspections of process equipment carried out by conscientious technically-trained employees. These inspections are designed to reveal not only actual defects but also possible weaknesses that might result in failures.

In addition to mechanical and electronic detection devices, air monitoring stations are established in the vicinity of plants. Where appropriate, the company also carries out statistical analyses of animal life in the beds of bodies of water receiving liquid effluents, using techniques pioneered by CIL. These reveal immediately any changes in numbers or varieties of underwater organisms which would indicate change in their environment that might be the result of pollution.

In general, CIL and its associated companies carry out their operations so as to achieve production objectives without sacrificing acceptable environmental protection. The company's objective in this regard is to meet not only local regulations but also company standards which are no less stringent. Finally, the importance of the contribution of employees to its environmental program is fully recognized by CIL and attention is directed to improving understanding and participation.

CIL Art Collection

The CIL Art Collection was founded in 1962, CIL's centennial year, with the aim of encouraging Canadian artists and making their work better known.

The Collection contains 80 paintings which together reflect the various trends and styles of contemporary Canadian art,

The Collection has been publicly exhibited in more than 85 different towns and cities across the country; small groups of paintings or individual works have

been shown at special exhibitions in the U.S.A., Britain, Europe and the U.S.S.R.

Enquiries concerning the Collection may be addressed to the Curator, CIL Art Collection, Advertising and Public Relations Department.

"Hauling Sheaves" by William Kurelek: one of 80 contemporary Canadian paintings which comprise the widely-travelled CIL Art Collection.



Sales and technical service offices

Following is a partial listing of CIL's major sales and technical service offices. Information on CIL products and services and a complete listing of sales offices may be obtained by referring to the CIL Products / Services Directory available from the Public Relations Department or by contacting any of the offices listed here.

Alberta

Calgary CIL Central Office

6940 Fisher Rd. S.E.

T2H 0W3 (403) 253-8261

Edmonton CIL Central Office & Warehouse

4605 101st Avenue (P.O. Box 836) T5J 2L4

(403) 465-0221

British Columbia

Vancouver CIL Principal Office & Warehouse

800 Terminal Avenue

V6A 2M8 (604) 685-1411

Manitoba

Winnipeg CIL Central Office & Warehouse

1199 St. James Street

(P.O. Box 965) R3C 2V5 (204) 775-0321

Newfoundland

St. John's CIL Central Office

4th Floor, Philips Place Bldg.

Elizabeth Avenue (P.O. Box 9544) A1A 2Y4 (709) 726-9051

Nova Scotia

Halifax CIL Central Office & Warehouse*

3599 Commission Street

(P.O.Box 548) B3J 2S6 (902) 455-1551

Ontario

Brampton CIL Plastics Technical Centre

142 Kennedy Road S.

L6W 3G4 (416) 677-4180

London CIL Agricultural Chemicals

Division Head Office 201 Queens Avenue (P.O. Box 5201) N6A 4L6

(519) 672-9220

Sudbury

CIL Sales Office

P3C 4T1

(705) 674-1913

Toronto

CIL Paints Division Head Office**

130 Bloor Street W.

M5S 1P4

(416) 925-9561

CIL Central Office**
130 Bloor Street W.

M5S 1P4

(416) 925-9561

Paints Research Laboratory 1331 Castlefield Avenue

M6B 1G5

(416) 787-2411

Quebec

Montreal

Brownsburg CIL Ammunition Division Head Office

J0V 1A0

(514) 533-4201

Lachine CIL Distribution Centre

3000 Jean Baptiste Deschamps

H8T 1E2

(514) 636-9230

CIL Quebec Sales Office

2900 Jean Baptiste Deschamps

H8T 1C8

(514) 636-9230 CIL Head Office

CIL House

630 Dorchester Boulevard W.

(P.O. Box 10) H3C 2R3

(514) 874-3000

CIL Quebec Paints

6930 Clanranald Avenue

H3X 2V1

(514) 735-5471

Saskatchewan

Regina CIL Industrial Chemicals

1221 Osler Street

S4R 1W4

(306) 525-5277

Saskatoon

CIL Paints

244 1st Avenue N.

S7K 1X1

(306) 242-5372

U.S.A.

Plattsburgh,

C-I-L Ammunition Inc.

N.Y. P.O. Box 831

(518) 561-7810

Jamaica

Kingston

C-I-L International Limited

(P.O. Box 38) Kingston 10 926-5441

Cable: CANDUSTRY KINGSTON JCA

* Effective Nov. / Dec. 1974

CIL Atlantic Sales Office and Distribution Centre

39 Gurholt Drive Burnside Industrial Park Dartmouth, N.S. B3B 1J8

** Effective January 1975

CIL Central Office 45 Sheppard Avenue E. Willowdale, Ontario

M2N 2Z9

The following publications are available without charge by contacting:

Advertising and Public Relations Canadian Industries Limited P.O. Box 10 (630 Dorchester Blvd, W.) Montreal, Quebec H3C 2R3 (514) 874-3000

CIL Annual Report
CIL Products / Services Directory
The International Metric System
La CIL au Québec *
CIL In the West **
Educational materials on explosives and chemicals
CIL Film Catalogue
(a brief descriptive listing of
approximately 125 titles available
on a free loan basis from the Film Library)

A Better Place in Which to Live
(a description of CIL's pollution abatement policy)
Eight Essays on Environmental Health **

^{*}French only

^{**}English only

